

NISD Middle School Course Selection



SM

2022-2023

**NORTHSIDE INDEPENDENT
SCHOOL DISTRICT**

Please be advised that this Course Catalog is contingent on future decisions of the Texas Education Agency, State Board of Education, Texas Legislature and/or Northside Independent School District. If changes occur, the online catalog will be updated.

It is the policy of Northside Independent School District not to discriminate on the basis of age, race, religion, color, national origin, sex or handicap in its programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Revised on 2/14/2022

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Welcome to Northside Middle Schools

Welcome to Northside Independent School District, where we pride ourselves on our outstanding educators and our superior instructional and extracurricular programs. Whether this will be your first experience at a Northside middle school campus or you are returning for another great school year, we are excited about the opportunities available at each of our Northside schools.



Northside is one of the largest and most diverse school districts in the state. We are the fourth largest school district in Texas and the 24th largest school district in the United States. Despite our size, we still maintain a cohesive, family-friendly atmosphere that places the utmost importance on student success, community involvement, and fiscal responsibility.

Northside truly is San Antonio's premier school district of choice and we will continue to maintain our tradition of academic excellence for every student. Middle school course offerings are based on student interest and alignment to high school program opportunities.



Questions or Need Help?

The process for students/parents to make course selections for the following school year typically begins in early spring. Each middle school campus will communicate with both 5th grade parents (of future 6th grade students) and to current 6th and 7th grade parents about their specific processes and timelines.

For more information about registering for middle school classes or to learn about any of Northside's programs, feel free to contact the counseling department at any of our middle schools using the contact information found on the next page in this catalog.

To verify your child's assigned middle school campus, visit <https://www.nisd.net/schools/buses>



Northside ISD

Campus Contact Information

Bernal Middle School

(210) 398-1900
14045 Bella Vista Place, 78253

Jones Magnet School

(210) 397-2230
1256 Pinn Road, 78227

Ross Middle School

(210) 397-6350
3630 Callaghan Road, 78228

Briscoe Middle School

(210) 398-1100
4265 Lone Star Parkway, 78253

Jordan Middle School

(210) 397-6150
1725 Richland Hills Drive, 78251

Rudder Middle School

(210) 397-5000
6558 Horn Boulevard, 78240

Connally Middle School

(210) 397-1000
8661 Silent Sunrise, 78250

Luna Middle School

(210) 397-5300
200 N. Grosenbacher Road, 78253

Stevenson Middle School

(210) 397-7300
8403 Tezel Road, 78254

Folks Middle School

(210) 398-1600
9855 Swayback Ranch, 78254

Neff Middle School

(210) 397-4100
5227 Evers Road, 78238

Stinson Middle School

(210) 397-3600
13200 Skyhawk Drive, 78249

Hector Garcia Middle School

(210) 397-8400
14900 Kyle Seale Parkway, 78255

Pease Middle School

(210) 397-2950
201 Hunt Lane, 78245

Straus Middle School

(210) 398-2550
8092 Talley Road, 78253

Hobby Middle School

(210) 397-6300
11843 Vance Jackson Road, 78230

Rawlinson Middle School

(210) 397-4900
14100 Vance Jackson Road, 78249

Vale Middle School

(210) 397-5700
2120 N. Ellison Drive, 78251

Jefferson Middle School

(210) 397-3700
10900 Shaenfield Road, 78254

Rayburn Middle School

(210) 397-2150
1400 Cedarhurst Drive, 78227

Zachry Middle School

(210) 397-7400
9410 Timber Path, 78250

Jones Middle School

(210) 397-2100
1256 Pinn Road, 78227

Zachry Magnet School

(210) 397-7490
9410 Timber Path, 78250

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Using the Course Catalog

The Middle School Course Catalog provides course information for required courses and electives. Courses have been organized by grade level. If you have questions about the information included for each course, please see page 5 of this catalog.

EXPLANATION OF ABBREVIATIONS

ELA: English Language Arts

MS: Middle School

HS: High School

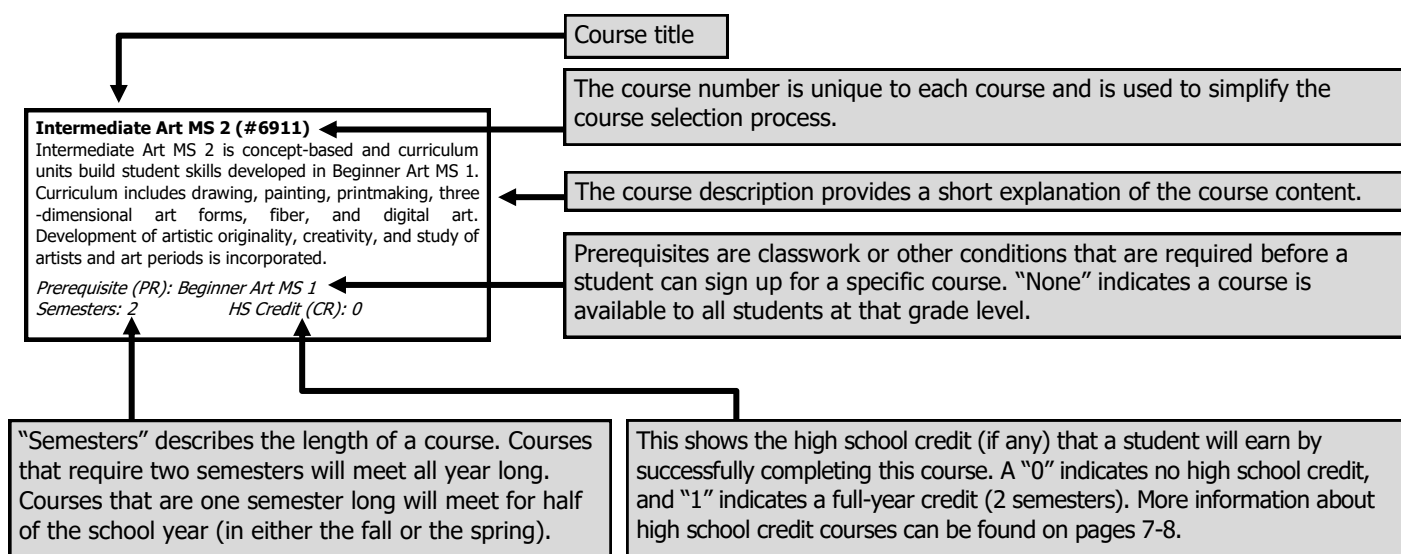
PR: Prerequisite

SEM: Semesters

CR: High School Credit

How to Read Course Descriptions

This course selection booklet contains information about each course offered at NISD middle schools. Courses are grouped by grade level and content area. Each course description contains the following basic information:



Course listings in this catalog are grouped by grade level. Courses for students at each grade level can be found in the following sections:

- Courses for incoming 6th grade students: Pages 13-15
- Courses for incoming 7th grade students: Pages 16-21
- Courses for incoming 8th grade students: Pages 22-28
- Courses for Jones Magnet School: Pages 31-45
- Courses for Zachry Magnet School: Pages 46-54

At each grade level, required courses are listed first, followed by elective course offerings.

Gifted & Talented Program

Northside Independent School District recognizes that all students are entitled to a program of educational experiences which provides opportunities to maximize the development of their capabilities. Our goal is to engage identified GT students through a program model that exemplifies the vision of NISD GT by creating a highly challenging learning environment that fosters energy and excitement, encourages students to create and evaluate, and provides experiences that enable students to reach their fullest potential as independent thinkers.

Gifted learners at the middle school level are a population with distinct educational needs. They have potential that requires differentiated and challenging educational services beyond those provided in the general education program. High-ability adolescents can differ from peers in cognitive skills, interests, modes of learning, and levels of motivation. GT students benefit from learning environments that both celebrate their unique needs and simultaneously support them in becoming more capable and productive. (National Association for Gifted Children)

Beginning in the Fall of 2022, the district will implement a GT model with defined GT courses at each grade level. The courses, Innovative Thinkers 1, 2, and 3, are developed around district-created curriculum specifically designed to create opportunities where students are challenged to think critically, explore, create, develop, and become independent thinkers and leaders.

All Innovative Thinkers courses are taught by the campus GT Specialists, who have completed the state required GT training and are experts in their field.



Middle School Advanced Academics Course Opportunities for Identified GT Students

Innovative Thinkers: A year-long dedicated GT course developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, and Leadership.

Identified GT students will be scheduled into the courses listed below.

6th Grade: Innovative Thinkers 1

7th Grade: Innovative Thinkers 2

8th Grade: Innovative Thinkers 3—HS Credit

In addition to GT courses, students also have multiple opportunities to earn high school credit while still enrolled in middle school. Find more information about these opportunities, see Advanced Academics: High School Credit Courses on pages 7 and 8.

GT Services at Middle School Magnet Schools

Identified GT students attending any of our **Middle School Magnets** will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.



Advanced Academics

High School Credit Courses in Middle School

Ensuring Student Success

High school credit courses enhance student confidence during their time in middle school and set them up for success in high school.

Increasing Student Access

Completed high school credit courses increase student opportunity to enroll in high-interest or advanced courses during their time in high school.

Northside ISD Middle School students have opportunities to earn high school credit while still enrolled in middle school. High school credit opportunities may vary by campus, but courses include:

- **Advanced MS Algebra I**
- **Spanish (any level)**
- **AVID 1**
- **Art**
- **Methodology for Academic and Personal Success (MAPS)***
- **Communication Applications***
- **Principles of Human Services**
- **Principles of Applied Engineering**
- **Innovative Thinking 3 (available to identified GT students)**

** indicates a one-semester course*



Attendance

Student absences in high school credit courses cannot exceed the following numbers:

- 8** absences for fall semester courses
- 10** absences for spring semester courses
- 18** absences for year-long courses



Grades

90%

Average of each quarter's grades

10%

Semester Exam



Credit

Students must obtain a final grade of 70% or above to receive credit

The final grade earned in each high school credit course counts toward high school Grade Point Average (GPA)

Semester exams are administered the last week of each semester.

HIGH SCHOOL GRADE POINT AVERAGE & TRANSCRIPTS

High school credit courses taken at the middle school will be included in a student's high school transcript, and the grade will become part of the student's High School Grade Point Average (GPA).



The **High School Grade Point Average (GPA)** is a summary of a student's grades across all high school credit courses.

Please reference the Student Handbook for additional information.

GPA is used to determine high school class rank and is issued at the end of the 6th and 7th semester of the student's high school career.

GPA is weighted with additional +5 points for Advanced courses.

Spanish 4AP (8th grade only) is weighted with an additional +8 points.

(Note: Weighted points are only awarded once a minimum grade of 70 is earned in the course.)

Advanced Academics

High School Credit Courses in Middle School

SUPPORTING STUDENT SUCCESS



Attendance

If students exceed the allowed absence numbers, campuses offer attendance recovery opportunities before or after the school day for students to meet the attendance requirement.



Grades

Opportunities for additional academic support are available and encouraged. Please connect with your classroom teacher for assistance.



REPEATING A COURSE FOR STRENGTH

If a student earns a passing grade in a high school credit course, the student may **retake the course for strength within one year (12 months) at a Northside ISD school.**

Both grades are posted to the transcript, but only the highest grade is used for GPA calculation.

RETAKE A FAILED COURSE:

For students who earn a failing grade in a high school credit course, the failing grade is posted on the high school transcript. When the student retakes the course, the grade will not replace the prior failed grade but will be shown as a separate grade and credit completion.

Both grades are used for GPA calculation.



ATTENDANCE REQUIREMENT

The Minimum Attendance for Class Credit Law (section 25.092) states, "A student may not be given credit for a class unless the student is in attendance for at least 90% of the days the class is offered." If a student accrues more than eighteen (**18**) absences in a year-long course, without attending Attendance Recovery or having extenuating circumstances, they will receive **NO CREDIT** for that course.

ALGEBRA I STAAR END-OF-COURSE TEST



Students in Advanced MS Algebra I will take the STAAR End-of-Course test (EOC). This test is a rigorous and timed assessment.

There is an EOC requirement for high school graduation, and if a student fails to meet the EOC passing standard, the student will receive accelerated instruction and retake the EOC.

The Algebra I EOC is not calculated into a student's semester grade or GPA.



Advanced Academics

Advanced and Accelerated Courses

Northside offers many advanced courses to middle school students. Participation in advanced academic courses is a foundation of college readiness. Students who participate in advanced coursework such as advanced, Advanced Placement (AP), and dual credit classes are more likely to complete a bachelor's degree in college and typically have higher grades in college.

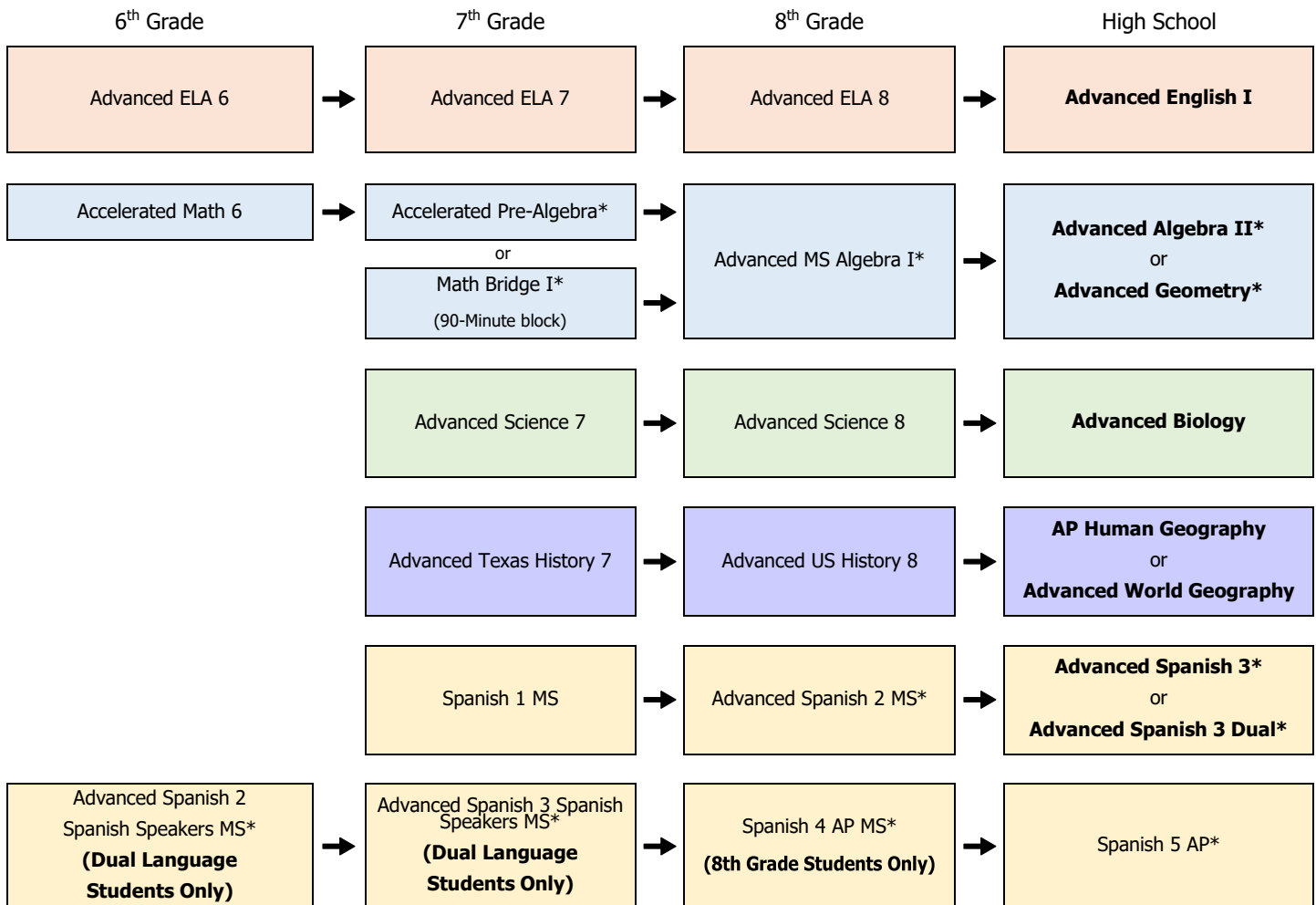
Northside ISD recognizes the value of student participation in rigorous academic coursework and encourages students to graduate from high school with at least one advanced academic course credit such as Advanced Placement. Our collective purpose is to ensure student success in middle school advanced courses and provide opportunities for higher levels of learning in future grades.

Advanced courses are intended to develop students' literacy, problem-solving skills, and analysis. These middle school classes are designed to challenge students through rigorous instruction and complex learning tasks in order to prepare them for success in future advanced classes, AP classes, dual credit classes, and college courses.

This chart summarizes the advanced academic course offerings for middle school students in Northside. These courses lay the foundation for a variety of high school courses.

* Prerequisite Required

High School courses in **BOLD** represent a typical 9th grade offering, but availability is determined by campus staffing.



A typical schedule* for a 9th grade Advanced student may include:

Advanced English I
 Advanced Algebra II or Advanced Geometry
 Advanced Biology
 AP Human Geography or Advanced World Geography
 Advanced Spanish 3 or Advanced Spanish 3 Dual (for students wishing to continue enrollment in World Languages)

*All considerations should reflect individual student needs and goals.

NISD Comprehensive Middle Schools

Northside ISD is home to 21 comprehensive middle school campuses, each offering a wide range of academic and extracurricular opportunities for all students. Students in Northside participate in a wide variety of academic, athletic, and fine arts activities.

Details about Northside's comprehensive middle schools and course offerings can be found on pages 12—29 of this catalog.



Jones Magnet School

Engineering • Robotics • Biotechnology • Computer Science

Jones Magnet School offers a STEM-focused (Science, Technology, Engineering, and Math) program of study strongly aligned academically with John Jay Science and Engineering Academy. Unique Career and Technical Education (CTE) courses will provide students with extra opportunities to earn high school credits. The Jones Magnet School is housed on the Jones Middle School campus and transportation is provided to eligible NISD students who apply and are admitted to the Jones Magnet School.

Details about the Jones Magnet School and its unique programs can be found on pages 31—45 of this catalog.



Zachry Magnet School

Global Communications • Cybersecurity • Information Technology

Zachry Magnet School prepares students with a global perspective of the community and the ever changing world of technology and cybersecurity. Students will earn high school credits in a core curriculum that is exclusive to Zachry Magnet school and aligned with the Career and Technology Education (CTE) courses in Global Communications, Cybersecurity, and Information Technology. Zachry Magnet School is housed on the Zachry Middle School campus. Transportation is provided to eligible NISD students who apply and are admitted to the Zachry Magnet School.

Details about the Zachry Magnet School and its unique programs can be found on pages 46-54 of this catalog.



Northside Comprehensive Middle Schools

Rich Opportunities in Your Community



Northside ISD is home to 21 comprehensive middle school campuses. Each school serves its community, offering rich academic and extracurricular opportunities for all students.

Current Northside 5th grade students will register for classes in early spring with the help of counseling staff from the elementary and middle schools.

Current 6th and 7th grade students will register on campus in mid to late spring.

Families with questions about middle school courses or registration can contact the counseling office at any Northside middle school.

Bernal Middle School
(210) 398-1900

Briscoe Middle School
(210) 398-1100

Connally Middle School
(210) 397-1000

Folks Middle School
(210) 398-1600

Hector Garcia Middle School
(210) 397-8400

Hobby Middle School
(210) 397-6300

Jefferson Middle School
(210) 397-3700

Jones Middle School
(210) 397-2100

Jordan Middle School
(210) 397-6150

Luna Middle School
(210) 397-5300

Neff Middle School
(210) 397-4100

Pease Middle School
(210) 397-2950

Rawlinson Middle School
(210) 397-4900

Rayburn Middle School
(210) 397-2150

Ross Middle School
(210) 397-6350

Rudder Middle School
(210) 397-5000

Stevenson Middle School
(210) 397-7300

Stinson Middle School
(210) 397-3600

Straus Middle School
(210) 398-2550

Vale Middle School
(210) 397-5700

Zachry Middle School
(210) 397-7400

Comprehensive Middle School Required Courses

6TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Math
Social Studies 6
Science
PE/Healthy Habits
Advisory

Students will select one Fine Arts elective course to fill the remainder of the school day.

Note: In place of Advisory, students may be enrolled in an intervention class based on academic need.

7TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Math
Texas History 7
Science
PE or Athletics

Students will select elective courses to fill the remainder of the school day.

Note: In place of an elective, students may be enrolled in an intervention class based on academic need.

8TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Methodology for Academic & Personal Success (MAPS)*
Communication Applications*
Math
US History 8
Science
PE or Athletics

* see page 23 for more information

Students will select elective courses to fill the remainder of the school day.

Note: In place of an elective, students may be enrolled in an intervention class based on academic need.



Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, PE, and Advisory). Contact campus counselor for course availability.



ENGLISH LANGUAGE ARTS (ELA)

ELA 6 (#1061)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 6 (#1066)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using number and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Accelerated Math 6 (#2062)

Note: Select this course if you would like your student to enroll in Advanced MS Algebra I in 8th grade.

This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS with an emphasis on complex problem solving through the lens of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Accelerated Pre-Algebra course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

Social Studies 6 (#4060)

In this course, students will study people, places, and societies of the contemporary world. In addition they will study the influence of individuals and groups on historical and contemporary events in those societies and identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 6 (#3060)

In 6th grade Science, the content focus is on physical science. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include elements and compounds, evidence of chemical change, physical properties of elements, energy (potential/kinetic, transformations, Law of Conservation of Energy, Earth's resources), forces (unbalanced forces, speed, changes in motion, inclined planes), Earth's structure, rock cycle, geological events, characteristics of organisms, levels and classification of organisms, interactions of organisms within an ecosystem, components of the solar system, and space exploration.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ADVISORY

Advisory (#9006)

This course supports students as they transition to middle school. Advisory is designed to develop student leadership and encourage students to develop intellectually and strive for personal excellence through goal setting, character education, and academic support.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5069)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0



Gifted & Talented
advanced academics

GIFTED & TALENTED

Innovative Thinkers 1 (#9082)

This year-long dedicated GT course is developed especially for middle school gifted and talented students. The course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, and Leadership.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

6th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Northside Independent
School District



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

6th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.

SPANISH—HS CREDIT (DUAL LANGUAGE ONLY)

Advanced Spanish 2

for Spanish Speakers MS (#5739) - HS Credit

This course is for students currently enrolled in the **elementary Dual Language Program**. It offers students opportunities to expand their knowledge of Spanish using unique materials and activities designed for Spanish speakers. Students will continue developing and refining their Spanish skills in speaking, listening, reading, and writing through an enriched curriculum concentrating on Hispanic culture, customs, heritage, and history.

Prerequisite (PR): Identified NISD Dual-Language student

Semesters: 2 HS Credit (CR): 1

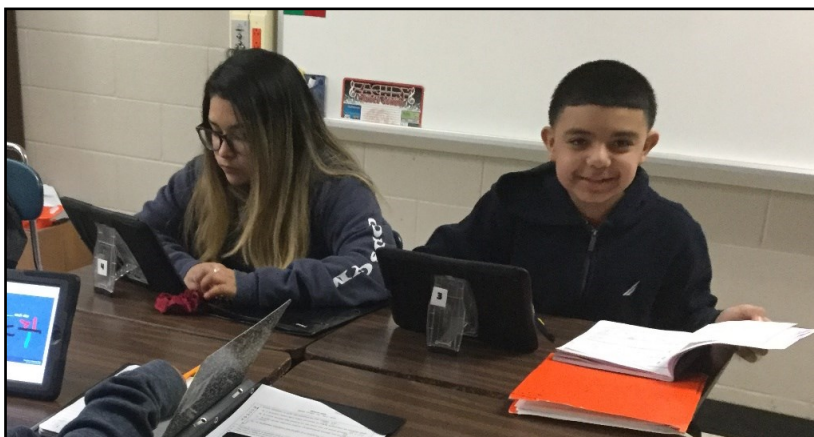
AVID

AVID 6 (#9096)

AVID 6 is an introduction to the AVID Philosophy. Students will develop an awareness of the values accompanying academic goals and success. The course will focus on building students' self-confidence and communication skills in working with peers and adults. Students will be exposed to reading strategies that will assist them in building vocabulary and understanding a variety of texts and will also focus on pre-writing techniques, summary writing, and structural components of note-taking.

Prerequisite (PR): Application and interview

Semesters: 2 HS Credit (CR): 0



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.

ENGLISH LANGUAGE ARTS (ELA)

ELA 7 (#1071)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 7 (#1076)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



GIFTED & TALENTED

Advanced ELA 7 GT and Innovative Thinkers 2 are only available to identified NISD GT students and may not be taken in isolation.

Advanced ELA 7 GT (#1077)

This course follows the framework of Advanced ELA 7 while integrating GT strategies such as depth and complexity, creative problem solving, and critical thinking.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

Innovative Thinkers 2 (#9083)

This year-long dedicated GT course is developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, Community Impact, and Leadership.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

MATHEMATICS

Math 7 (#2070)

This course builds on student understanding of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Accelerated Pre-Algebra (#2072)

This course connects components from the 7th grade math TEKS into the 8th grade math curriculum with an emphasis on complex problem solving through the lens of proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will utilize process standards to weave knowledge and skills together so they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced MS Algebra I course.

Prerequisite (PR): Accelerated Math 6

Semesters: 2 HS Credit (CR): 0

Math Bridge I is a course designed for 7th grade students who want to take Advanced MS Algebra I (high school credit course) in 8th grade and who are NOT currently enrolled in Accelerated Math 6. This class is a 90-minute course that includes both 7th grade and 8th grade math content. This course will fulfill the math requirement and will take the place of ONE elective.

Math Bridge I (#2083)

This course integrates the 7th grade and 8th grade math curriculum with an emphasis on complex problem solving through the lens of proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will utilize process standards in order to weave knowledge and skills together so they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced MS Algebra I course.

Prerequisite (PR): Math 6

Semesters: 2 HS Credit (CR): 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

7th

REQUIRED COURSES

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.

7th

REQUIRED COURSES

SCIENCE

Science 7 (#3070)

In 7th grade Science, the content focus is on organisms and the environment. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include cell theory, structure and function of organelles, human body systems, inherited traits, adaptations, natural selection, stimulus and response, energy transformations, biodiversity and sustainability, the impact of catastrophic events on ecosystems, the impact of weathering, erosion and deposition on the ecoregions of Texas, the effects of human activity on watersheds, and requirements needed for manned space exploration.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Science 7 (#3071)

In 7th grade Science, the content focus is on organisms and the environment. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include cell theory, structure and function of organelles, human body systems, inherited traits, adaptations, natural selection, stimulus and response, energy transformations, biodiversity and sustainability, the impact of catastrophic events on ecosystems, the impact of weathering, erosion and deposition on the ecoregions of Texas, the effects of human activity on watersheds, and requirements needed for manned space exploration. Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



**Northside Independent
School District**

PHYSICAL EDUCATION

PE: Movement for Lifelong Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820) (listed on page 19).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives from page 18-21 in this catalog.

Dance MS 1 PE (#5091)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 19.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 19.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available at Ross, Jones, Neff, and Rayburn only. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi

Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available at Ross, Jones, Neff, and Rayburn only. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) (listed on page 17).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Dance MS 1 (#6810)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 17.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 17.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800) **(Public & Business Services Related Careers)**

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810) **(Science, Technology, Engineering, and Math Related Careers)**

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in **Spanish 1**, or 80 or higher on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in **Spanish 1**, or 90 or higher on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

Prerequisite (PR): Recommended 80 or better in **Advanced Spanish 2** or a 90 or better in **Spanish 2 Regular**; or a 90 or better on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3 for Spanish Speakers MS (#5749) - HS Credit

Note: Available only to identified NISD Dual-Language students.

This course is for students who understand and speak Spanish at the intermediate-high level. Students continue to work towards proficiency in speaking and listening comprehension. Students continue to expand their reading comprehension and writing skills. Cultured topics are integrated throughout the curriculum.

Prerequisite (PR): **Advanced Spanish 2 Spanish Speakers MS**

Semesters: 2 *HS Credit (CR):* 1

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

AVID

AVID 7 (#9097)

AVID 7 is an academic elective course that prepares students for college readiness and success. Each week, students receive instruction utilizing a rigorous college preparatory curriculum, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

Prerequisite (PR): Application and interview
Semesters: 2 HS Credit (CR): 0

OTHER ELECTIVES

Study Hall (#9471)

Study Hall is a designated class period during the school day that provides a structured time for students to work on homework, research, projects, or other assignments.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.



ENGLISH LANGUAGE ARTS (ELA)

ELA 8 (#1084)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Advanced ELA 8 (#1087)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0



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Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SOCIAL STUDIES

US History 8 (#4080)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past and present; analyze economic factors that influenced the development of colonial America and the early years of the republic; examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights; and evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Advanced US History 8 (#4081)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past and present; analyze economic factors that influenced the development of colonial America and the early years of the republic; examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights; and evaluate the impact of Supreme Court cases and major reform movements of the 19th century. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

MATHEMATICS

Pre-Algebra (#2080)

The purpose of this course is to provide a foundation for students to solve problems using proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Advanced MS Algebra I (#2121) - HS Credit

The purpose of this course is to provide a foundation for students to solve problems using functions, symbolic reasoning and mathematical modeling. The student will investigate real numbers, linear equations and inequalities as well as linear, quadratic and exponential functions. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life. The Advanced course includes an emphasis on complex problem solving in order to prepare students for upcoming Advanced and AP coursework.

Prerequisite (PR): Pre-Algebra or its equivalent
Semesters: 2 *HS Credit (CR):* 1

SCIENCE

Science 8 (#3080)

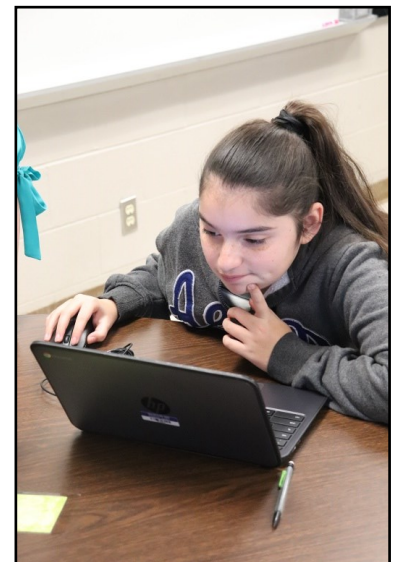
In 8th grade Science, the content focus is on Earth and space. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include atomic structure, arrangement of the Periodic Table, chemical reactivity, evidence of chemical reactions, Law of Conservation of Mass, Newton's three laws of motion, seasons, lunar cycle, ocean tides, components of the universe, classification of stars, electromagnetic spectrum, Theory of Plate Tectonics, formation of Earth's crustal features, topographic maps and satellite views, formation of weather systems, weather maps, competition within an ecosystem and human dependence on ocean systems.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Advanced Science 8 (#3081)

In 8th grade Science, the content focus is on Earth and space. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include atomic structure, arrangement of the Periodic Table, chemical reactivity, evidence of chemical reactions, Law of Conservation of Mass, Newton's three laws of motion, seasons, lunar cycle, ocean tides, components of the universe, classification of stars, electromagnetic spectrum, Theory of Plate Tectonics, formation of Earth's crustal features, topographic maps and satellite views, formation of weather systems, weather maps, competition within an ecosystem and human dependence on ocean systems. Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0



Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.

8th

REQUIRED COURSES

HIGH SCHOOL TRANSITION AND STUDENT LEADERSHIP

Students will enroll in one of these three HS credit options.

Please refer to pages 7-8 in this catalog for information about courses for high school credit.

METHODOLOGY FOR ACADEMIC AND PERSONAL SUCCESS (MAPS) & COMMUNICATION APPLICATIONS -HS CREDIT

Methodology for Academic and Personal Success — MAPS (0.5 HS credit) and Communication Applications (0.5 HS credit) may not be taken in isolation and are required for all 8th grade students. Exceptions are students in the AVID program and identified GT students enrolled in Innovative Thinkers 3.

FALL SEMESTER

Methodology for Academic and Personal Success — MAPS (#9002) - HS Credit
Note: This course satisfies an elective requirement for high school graduation.

This course supports a successful transition into high school by developing the skills necessary for a successful academic career. Students will develop specific strategies to achieve personal and professional goals. Based on individual learning styles and interests, students will develop critical time-management, organization, and study skills, with a focus on character education and leadership.

Prerequisite (PR): None
Semesters: 1 HS Credit (CR): 0.5

SPRING SEMESTER

Communication Applications (#1907) - HS Credit

Note: This course satisfies the NISD Speech requirement for high school graduation.

Students will identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and formal and informal professional presentations.

Prerequisite (PR): None
Semesters: 1 HS Credit (CR): 0.5

AVID-HS CREDIT

AVID 1 (#9054) - HS Credit

Note: This course serves as a substitute for Methodology for Academic and Personal Success (MAPS) and Communication Applications. Students who successfully complete AVID 1 will fulfill the NISD Speech requirement for high school graduation.

AVID 1 is an academic elective course that prepares students for college readiness and success. Each week, students receive instruction utilizing a rigorous college preparatory curriculum, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. This course is a High School Credit course that will also allow students to meet their speech requirement for graduation.

Prerequisite (PR): Application and interview
Semesters: 2 HS Credit (CR): 1

GIFTED & TALENTED-HS CREDIT

Innovative Thinkers 3 (#9084) - HS Credit

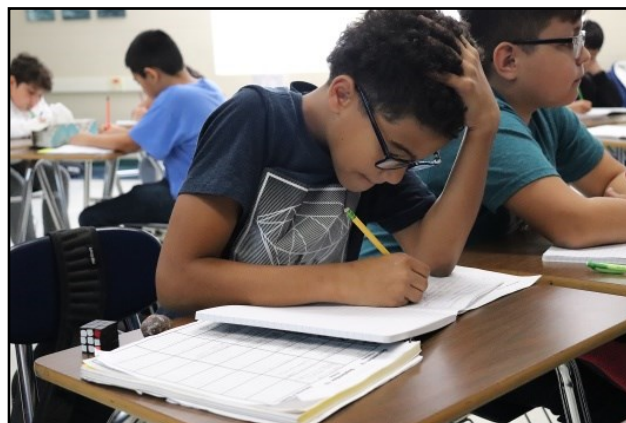
Note: This course is only available to identified NISD GT students and serves as a substitute for Methodology for Academic and Personal Success (MAPS) and Communication Applications. Students who successfully complete Innovative Thinkers 3 will fulfill the NISD Speech requirement for high school graduation.

This year-long dedicated GT course is developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, Community Impact, and Leadership. This course is a High School Credit course that will also allow students to meet their speech requirement for graduation.

Prerequisite (PR): Identified NISD GT Student
Semesters: 2 HS Credit (CR): 1



Gifted & Talented
advanced academics



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio drumming and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Northside Independent School District

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

8th

REQUIRED COURSES

Northside Comprehensive
Middle Schools

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830) (listed on page 27).

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective from page 25-29 in this catalog.

Dance MS 1 PE (#5091)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 27.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 27.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 27.

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for Intermediate level and advanced level string students to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in

Intermediate or Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 2 (#6088)

This course is designed for Advanced level string students to develop applications of string performance in "non-traditional" ensembles and literature. String applications to various cultures and genres include original compositions and techniques for performance. Student inquiry, exploration, and innovation is extensive. Students participating in this course are concurrently enrolled in string orchestra class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band

Semesters: 2 HS Credit (CR): 0



Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in

Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Jazz Band 2 (#6082)

This course is designed for advanced level students interested in developing a mastery level of performance techniques in jazz. All jazz styles and genres of music are explored and an students develop accomplished skills in improvisation. Extensive performance opportunities and jazz festivals are available in this course. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Jazz Band 1 and Concurrent

enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. This course includes world cultures and music applications in steel drums and "world drumming groups."

Prerequisite (PR): Concurrent enrollment in

Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 2 (#6019)

This course is designed as an enrichment opportunity for advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course. Students design and create presentation formats that are original to the non-traditional ensemble.

Prerequisite (PR): Concurrent enrollment in Advanced Band

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available only at Ross, Jones, Neff, and Rayburn. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi
Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available only at Ross, Jones, Neff, and Rayburn. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir
Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 2 (#6405)

This course is designed for advanced vocal students interested in developing a mastery level of performance in "non-traditional" or diverse vocal ensemble settings, such as jazz, madrigals, and show choirs. The ensemble setting, music styles and genres allow students the opportunity to collaborate, inquire, create and improvise extensively. Multiple performance venues and concerts are available. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre

Semesters: 2 HS Credit (CR): 0



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1

Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) (listed on page 24).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Dance MS 1 (#6810)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 24.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 24.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 24.

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Spanish 4 AP MS (#5752) - HS Credit

This course will integrate the curriculum prepared by both the College Board and Northside to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will be utilized to facilitate intensive student use of the target language in all aspects of the course. Upon successfully completing the Advanced Placement exam, students may be eligible to receive several hours of college credit.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 3 or Advanced Spanish 3 Spanish Speakers.

Semesters: 2 HS Credit (CR): 1

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Human Services (#8459) HS Credit

Students will assess the relationship between health and wellness and personal and professional achievement. Students will evaluate the effects of crises, stress, and domestic violence on individuals and the family and recognize appropriate responses and management strategies. Students will identify the basic needs of children as well as caregiver guidelines that promote safe and healthy child development. Students will create meals according to dietary guidelines. Students will create written and electronic records of client services for cosmetology, fashion design, and interior design.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Principles of Applied Engineering (#8729) HS Credit

provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

OTHER ELECTIVES

Study Hall (#9471)

Study Hall is a designated class period during the school day that provides a structured time for students to work on homework, research, projects, or other assignments.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Office Assistant (#9023)

Students assist school personnel in the front office, counseling office, attendance office, library, and vice-principal's office. Selection is based on communication skills, grades, citizenship, and attendance.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Northside Independent
School District



Northside Middle School Magnet Schools

Unique Learning Opportunities



Northside ISD offers a unique opportunity for middle school students to customize their learning through a magnet school program.

Northside magnet schools combine specialized courses with access to traditional programs such as sports and fine arts through the comprehensive campus. Magnet school students enjoy the full middle school experience with the benefit of innovative experiences and opportunities.

Families with questions about the middle school magnet programs should contact the magnet school office or visit their websites.



Jones Magnet School

Phone:
(210) 397-2230

Website:
www.nisd.net/jones-magnet



Zachry Magnet School

Phone:
(210) 397-7490

Website:
www.nisd.net/zachry-magnet



JONES MAGNET SCHOOL

STEM *focused*

Engineering • Robotics • Biotechnology • Computer Science

Jones Magnet School offers a unique program of study focused on STEM (Science, Technology, Engineering, and Math). This program of study is aligned with John Jay Science and Engineering Academy (JJSEA), with the goal of preparing students for the high school program. Jones Magnet School is housed on the Anson Jones Middle School campus using a school-within-a-school model. Students will attend their STEM-focused math and science courses in classrooms and labs designed to enhance the collaboration and Project-Based Learning (PBL) and Design Challenges that are key aspects of this program.

The three-year curriculum at Jones Magnet School includes unique math and science courses with a strong PBL component. Students will take unique Career and Technical Education (CTE) courses that expose them to the STEM fields of Computer Science, Biotechnology, Robotics, and Engineering. Magnet students will be enrolled in multiple Advanced courses and will have enhanced opportunities to earn high school credit.

The course listings below describe the coursework for students at Jones Magnet School. Detailed descriptions of the courses can be found in the Jones Magnet School section of this course catalog on pages 32-45.

Current Northside 5th graders are invited to apply for admission to Jones Magnet school by speaking with their current campus counselor or contacting Jones Magnet School at (210) 397-2230.

Jones Magnet School Required Courses

6TH GRADE	7TH GRADE	8TH GRADE
<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> STEM Science 6* STEM Math 6* STEM Career Investigations 6* English Language Arts (ELA) Social Studies 6 PE/Healthy Habits <p>Students will select one Fine Arts elective course to fill the remainder of the school day.</p>	<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> STEM Science 7* STEM Pre-Algebra* Programming & Design in Robotics & Engineering* Texas History 7 English Language Arts (ELA) PE or Athletics <p>Students will select one elective course to fill the remainder of the school day.</p>	<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> STEM Science 8* STEM Advanced MS Algebra I* Programming & Design in Computer Science & Biotechnology* Future Investigations† English Language Arts (ELA) US History 8 PE or Athletics <p>Students will select one elective course to fill the remainder of the school day.</p>

* STEM-focused course offered through the Jones MS STEM Magnet

† Addresses the HS Speech requirement



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.



Jones
Magnet School

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

STEM MATHEMATICS

STEM Math 6 (#2026)

This course is designed to extend the Math 6th curriculum into aligned 7th grade TEKS with an emphasis on integrating complex problem solving through the lens of number and operations; proportionality; expressions, equations, and relationships; and measurement and data with 21st century learning skills. The students will weave knowledge and skills together through an integration of math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This course will build a foundation for the STEM Math 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

STEM SCIENCE

STEM Science 6 (#3061)

This course is designed to explore 6th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. The content in this course includes a variety of topics such as elements and compounds, energy forces, Earth's structure, characteristics of organisms, interactions of organisms within an ecosystem, components of the solar system, and space exploration. This course will build a foundation for the STEM Science 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

STEM CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries with a focus on STEM (Science, Technology, Engineering, and Math). This course establishes the foundation for the STEM Magnet pathway of courses. The goal is to create a pathway for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. All Career and Technical Education clusters will be addressed so students have a well rounded view of all career clusters. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. This course will focus on major units in Engineering, Robotics, Biotechnology, and Computer Science. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Information Technology • Manufacturing • Health Science



For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See page 6 for more information about GT services at Middle School Magnet Schools.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one ELA course and one Social Studies course from the following:

ENGLISH LANGUAGE ARTS (ELA)

ELA 6 (#1061)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 6 (#1066)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

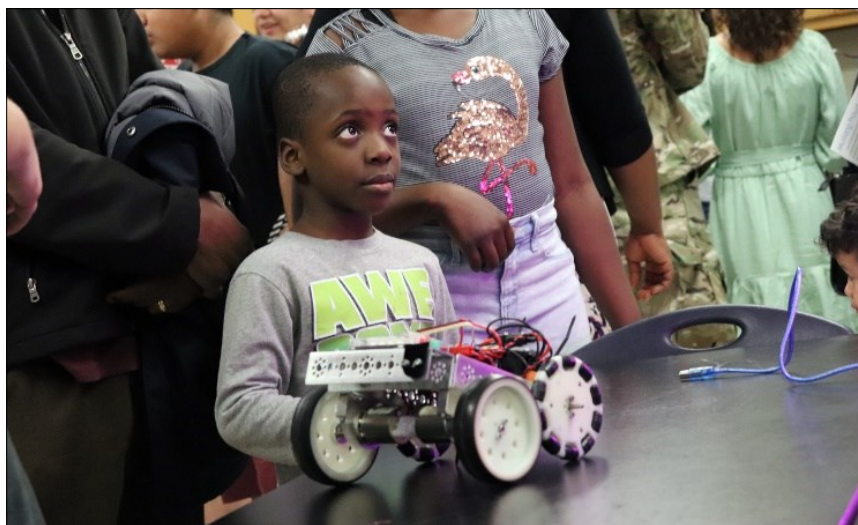
SOCIAL STUDIES

Social Studies 6 (#4060)

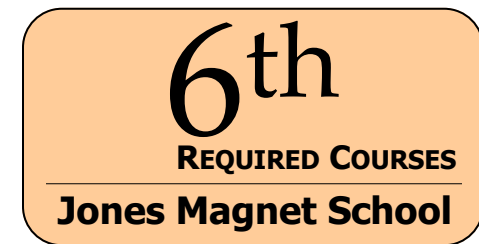
In this course, students will study people, places, and societies of the contemporary world. In addition students will study the influence of individuals and groups on historical and contemporary events in those societies and they will identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5069)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

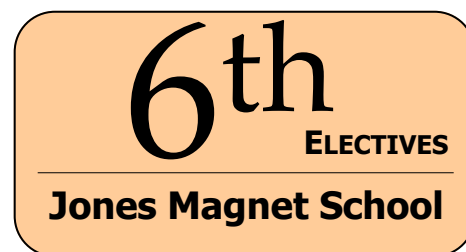
Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the magnet school counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students develop their music fundamentals in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

STEM MATHEMATICS

STEM Pre-Algebra (#2076)

This course connects components from the 7th grade math TEKS into the 8th grade math curriculum with an emphasis on complex problem solving through the lens of proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data with 21st century learning skills. The students will weave knowledge and skills together through an integration of math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This course will build a foundation for the STEM MS Algebra I course.

Prerequisite (PR): STEM Math 6
Semesters: 2 *HS Credit (CR):* 0

STEM SCIENCE

STEM Science 7 (#3076)

This course is designed to explore 7th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. The content in this course includes a variety of topics such as structure and function of organelles and human body systems; results of inheritance, adaptations, biodiversity; energy transformations in living systems, forces in nature; catastrophic events and their impacts on ecosystems; weathering, erosion and deposition and their impact on ecoregions of Texas, the effects of human activity on watersheds; and requirements needed for manned space exploration. This course will build a foundation for the STEM Science 8 course.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 0

STEM CAREER & TECHNICAL EDUCATION

Programming and Design in Engineering & Robotics (#7125)

Programming and Design in Engineering & Robotics is intended as a first course for those students just beginning the study of Engineering and Robotics. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Students will transfer academic skills to component designs in a project-based environment through implementation of the design process and the engineering design notebook. Students will build prototypes and use simulation software to test their designs. Upon completing this course, students will have an understanding of the various fields of engineering, robotic and automation industry, and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Prerequisite (PR): None
Semesters: 2 *HS Credit (CR):* 1



Science, Technology, Engineering & Mathematics • Information Technology • Manufacturing • Health Science



For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See page 6 for more information about GT services at Middle School Magnet Schools.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (ELA, Social Studies, and PE/Athletics).

7th REQUIRED COURSES Jones Magnet School

ENGLISH LANGUAGE ARTS (ELA)

ELA 7 (#1071)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced ELA 7 (#1076)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Movement and Lifetime Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820) (listed on page 38).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives from page 37-39 in this catalog.

Dance MS 1 PE (#5091)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 38.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 38.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.



Jones
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0



MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available at Ross, Jones, Neff, and Rayburn only. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi
Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available at Ross, Jones, Neff, and Rayburn only. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) (listed on page 36).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Dance MS 1 (#6810)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 36.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 36.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in **Spanish 1**, or 80 or higher on the *Credit-by-Exam*.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in **Spanish 1**, or 90 or higher on the *Credit-by-Exam*.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

Prerequisite (PR): Recommended 80 or better in **Advanced Spanish 2** or a 90 or better in **Spanish 2 Regular**; or a 90 or better on the *Credit-by-Exam*.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3

for Spanish Speakers MS (#5749) - HS Credit

Note: Available only to identified NISD Dual-Language students.

This course is for students who understand and speak Spanish at the intermediate-high level. Students continue to work towards proficiency in speaking and listening comprehension. Students continue to expand their reading comprehension and writing skills. Cultured topics are integrated throughout the curriculum.

Prerequisite (PR): **Advanced Spanish 2 Spanish Speakers MS**

Semesters: 2 *HS Credit (CR):* 1

JOURNALISM

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

8th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

STEM MATHEMATICS

STEM MS Algebra I (#2123)

The purpose of this course is to provide a foundation for students to solve problems using functions, symbolic reasoning and mathematical modeling. The student will investigate real numbers, linear equations and inequalities as well as linear, quadratic and exponential functions. The students will utilize process standards in order to weave knowledge and skills together through an integration of math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This advanced course is a GPA weighted course with an additional +5 points and includes an emphasis on complex problem solving in order to prepare students for upcoming Advanced and AP coursework.

Prerequisite (PR): Pre-Algebra or its equivalent

Semesters: 2 HS Credit (CR): 1

STEM SCIENCE

STEM Science 8 (#3086)

This course is designed to explore 8th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. The content in this course includes a variety of topics such as atomic structure, arrangement of the Periodic Table, chemical reactivity, evidence of chemical reactions, Law of Conservation of Mass, Newton's three laws of motion, seasons, lunar cycle, ocean tides, components of the universe, classification of stars, electromagnetic spectrum, Theory of Plate Tectonics, formation of Earth's crustal features, topographic maps and satellite views, formation of weather systems, weather maps, competition within an ecosystem and human dependence on ocean systems. This course will build a foundation for high school STEM courses.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

STEM CAREER & TECHNICAL EDUCATION

Programming and Design in Computer Science & Biotechnology 8 (#8816)

Students will learn about the computing tools that are used every day in STEM. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science and biotechnology concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts and apply them in biotechnology activities.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

FALL SEMESTER

Future Investigations 8A—MAPS (#8813)—HS Credit

Note: This course satisfies an elective requirement for high school graduation.

The course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. After identifying their individual learning styles and abilities, students will build on these abilities by developing critical time-management, organization and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will develop the specific strategies necessary to achieve their personal and professional goals.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0.5

SPRING SEMESTER

Future Investigations 8B Professional Communications (#8814)—HS Credit

Note: This course satisfies the NISD Speech requirement for high school graduation.

This course blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0.5



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See page 6 for more information about GT services at Middle School Magnet Schools.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics). Contact campus counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (ELA, Social Studies, and PE/Athletics).

ENGLISH LANGUAGE ARTS (ELA)

ELA 8 (#1084)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ELA 8 Pre-AP (#1087)

This course is designed to prepare and motivate middle school students for Pre-AP and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio drumming and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

US History 8 (#4080)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past and present; analyze economic factors that influenced the development of colonial America and the early years of the republic; examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights; and evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced US History 8 (#4081)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past and present; analyze economic factors that influenced the development of colonial America and the early years of the republic; examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights; and evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

*Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

8th

REQUIRED COURSES

Jones Magnet School

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830) (listed on page 44).

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective from page 42-45 in this catalog.

Dance MS 1 PE (#5091)

Note: This course meets the requirements for middle school Physical Education. To take this course as an elective only, see the course listing on page 44.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

Note: This course meets the requirements for middle school Physical Education. To take this course as an elective only, see the course listing on page 44.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

Note: This course meets the requirements for middle school Physical Education. To take this course as an elective only, see the course listing on page 44.

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0



Jones
Magnet School

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available only at Ross, Jones, Neff, and Rayburn. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi

Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available only at Ross, Jones, Neff, and Rayburn. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir
Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre
Semesters: 2 HS Credit (CR): 0



ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) (listed on page 41).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Dance MS 1 (#6810)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 41.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 41.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 41.

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Spanish 4 AP MS (#5752) - HS Credit

This course will integrate the curriculum prepared by both the College Board and Northside to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will be utilized to facilitate intensive student use of the target language in all aspects of the course. Upon successfully completing the Advanced Placement exam, students may be eligible to receive several hours of college credit.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 3 or Advanced Spanish 3 Spanish Speakers.

Semesters: 2 HS Credit (CR): 1

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Human Services (#8459)

HS Credit

Students will assess the relationship between health and wellness and personal and professional achievement. Students will evaluate the effects of crises, stress, and domestic violence on individuals and the family and recognize appropriate responses and management strategies. Students will identify the basic needs of children as well as caregiver guidelines that promote safe and healthy child development. Students will create meals according to dietary guidelines. Students will create written and electronic records of client services for cosmetology, fashion design, and interior design.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Students may be enrolled in intervention classes in lieu of an elective, according to academic need.

8th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School



Northside ISD



ZACHRY MAGNET SCHOOL

Global Communications • Cybersecurity • Information Technology

Zachry Magnet School offers a unique program of study focused on Global Communications, Cybersecurity, and Information Technology. The Zachry Magnet School program of study prepares students with a global perspective of our community and the ever-changing world of technology and cybersecurity. Exclusive to Zachry Magnet school, core curriculum will align with the Career and Technology Education (CTE) courses in Global Communications, Cybersecurity and Information Technology. The three-year curriculum specifically designed for our program include CTE, English Language Arts (ELA), and Social Studies with a strong Project Based Learning (PBL) component.

Our CTE courses include Career and Leadership Investigations, Principles of Information Technology, Professional Communications, and Fundamentals of Computer Science. These courses will focus on the career pathways of the magnet program and expose students to the high school programs of study in Cybersecurity and Web Development. Students will study contemporary issues and perspectives on leadership while enhancing their skills in computer literacy and emerging technologies in the global marketplace.

The English Language Arts (ELA) courses include Global Literacy: Multicultural Literature, Cross-Cultural Perspectives, and Inquiry and Discovery. Students will focus on connecting with characters in literature or with real people across the world, study how information is exchanged verbally, non-verbally, as well as face to face, and emphasize the inquiry process in the contexts of interests and future careers.

The unique Social Studies courses are just as innovative as ELA and CTE courses. Students will study people, places, and societies of the contemporary world. Understanding the importance of global perspectives and civic virtues of political, social, economic, and geographic dynamics of communities, students will examine the influence of individuals and groups as well as identify the technological impact on various societies.

The remainder of the magnet students' schedules will be aligned with the high quality learning at Zachry Middle School. Students in the magnet program will benefit from multiple Advanced and elective courses, earn high school credits, participate in athletics, and other extracurricular activities available on campus. Transportation is provided to eligible NISD students.

Current Northside 5th graders are invited to apply for admission to Zachry Magnet School by speaking with their current campus counselor or contacting Zachry Magnet School at (210) 397-7490.

Zachry Magnet School Required Courses

6TH GRADE	7TH GRADE	8TH GRADE†
Students will enroll in one course in each of the following content areas:	Students will enroll in one course in each of the following content areas:	Students will enroll in one course in each of the following content areas:
Global Literacy I: Multicultural Literature* Cultures and Global Communications* Career Investigations 6* Science 6 Accelerated Math 6 PE/Healthy Habits	Global Literacy II: Cross-Cultural Perspectives* Texas & Global Communications* Principles of Information Technology 7* Leadership Investigations 7* Science 7 Accelerated Pre-Algebra PE or Athletics	Global Literacy III: Inquiry and Discovery*+ The US & Global Communications* Future Investigations* Fundamentals of Computer Science* Science 8 Advanced MS Algebra I PE or Athletics
Students will select one Fine Arts elective course to fill the remainder of the school day.	Students will select one elective course to fill the remainder of the school day.	Students will select one elective course to fill the remainder of the school day.

* Specialty course offered through the Zachry MS Magnet

+ Addresses the HS Speech requirement

† The Zachry Magnet School will only enroll 6th and 7th grade students for the 2022-2023 school year. Eighth grade course requirements are proposed and subject to change.



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Zachry Magnet School

REQUIRED MAGNET COURSES

All Zachry Magnet students will enroll in each of the following:

GLOBAL LITERACY

Global Literacy I: Multicultural Literature (#1062)

Multicultural literature enables students to gain a deeper understanding of both their own culture and the cultures of others. Connecting with characters in literature or with real people across the world provides opportunities to help us understand who we are today. Through the study of diverse cultures and backgrounds, and engaging in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking, students will gain an awareness of the various social practices, values, and belief systems of other cultures. Students will reflect upon and critically analyze current cultural issues and develop global awareness.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

GLOBAL COMMUNICATIONS

Cultures & Global Communications (#4067)

This course is designed to explore 6th grade World Cultures concepts as they relate to global communication, cybersecurity and information technology. Students will blend skills learned in social studies, ELA and technology together and engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking. The content in this course includes a variety of topics such as the study of people, places and societies of the contemporary world. Students will study the influence of individuals and groups on historical and contemporary events. They will identify locations and geographic features of various societies. Students will learn the different ways of organizing economies and government systems. They will compare various institutions common to all societies and learn how the level of technology affects development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

In this lab and project-based course, students will participate in experiences that model real world industries with a focus on Global Communications, Cybersecurity, and Information Technology. This course establishes the foundation for the Cybersecurity pathway of courses. The goal is to create a pathway for success in high school, future studies, and careers in Global Communications, Cybersecurity, and Information Technology. All Career and Technical Education clusters will be addressed so students have a well-rounded view of all career clusters. The students will research labor market information, learn job-seeking skills, and practice professional communication skills. Major units on Global Communications, Cybersecurity, and Information Technology will be the focus of this course. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Information Technology



For Zachry Magnet School, GT services are provided through specialized magnet courses and curriculum. See page 6 for more information about GT services at Middle School Magnet Schools.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Zachry Magnet School

REQUIRED CORE COURSES

Students will select one Mathematics course and one Science course from the following:

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using number and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Accelerated Math 6 (#2062)

Note: Select this course if you would like your student to enroll in Advanced MS Algebra I in 8th grade.

This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS with an emphasis on complex problem solving through the lens of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Accelerated Pre-Algebra course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 6 (#3060)

In 6th grade Science, the content focus is on physical science. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include elements and compounds, evidence of chemical change, physical properties of elements, energy (potential/kinetic, transformations, Law of Conservation of Energy, Earth's resources), forces (unbalanced forces, speed, changes in motion, inclined planes), Earth's structure, rock cycle, geological events, characteristics of organisms, levels and classification of organisms, interactions of organisms within an ecosystem, components of the solar system, and space exploration.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5069)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

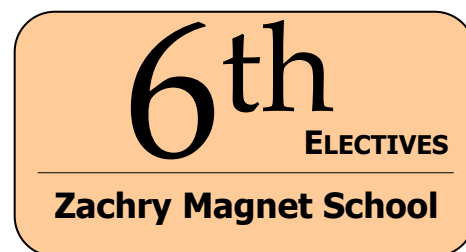
Semesters: 1 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the magnet school counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Zachry Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

GLOBAL LITERACY

Global Literacy II:

Cross Cultural Perspectives (#1096)

Students will be introduced to the study of global communication and will examine how information is exchanged across the world, verbally and non-verbally, as well as face-to-face. Global communication can include speeches, news stories, advertisements, books and traditional print publications, and social media. Students will also study multiple perspectives and make connections that will enhance their communication and interpersonal skills.

Prerequisite (PR): STEM Math 6

Semesters: 2 HS Credit (CR): 0

GLOBAL COMMUNICATIONS

Texas & Global Communications (#4068)

This course is designed to explore 7th grade Texas History concepts as they relate to global communication, cybersecurity and information technology. Students will blend skills learned in social studies, ELA and technology together and engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking. The content in this course includes a variety of topics such as the political, social, economic and geographic study of the history of Texas. Students will identify the different regions of Texas and study the population distribution within and among these regions. They will learn about the structure and function of municipal, county and state governments, compare the U.S. and Texas Constitutions, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Leadership Investigations 7 (#8812)

Students will become familiar with different ways of exercising leadership in their lives. They will learn and apply leadership skills in a hands-on practical way that encourages them to challenge their own beliefs and assumptions about what constitutes leadership. This course offers a comprehensive review of contemporary issues and perspectives on leadership. Topics include development of leadership theories, personal assessment and development, values and goals, motivation, followership, group dynamics, multiculturalism in leadership, conflict resolution, performance excellence, and the change process. This course is based on the premise that each student will face a variety of leadership challenges in life. How these challenges are met, whether as a formal leader or a member of a team, can have a significant impact on an organization and on one's life.

- Learning Agility
- Community Service
- Global Citizenship
- Global Communicator
- Self Awareness
- Integrity & Digital Citizenship
- Cross Cultural
- Service Occupations

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

REQUIRED CORE COURSES

Students will select one course in each Core area (Science, Math, and PE/Athletics).

SCIENCE

Science 7 (#3070)

In 7th grade Science, the content focus is on organisms and the environment. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include cell theory, structure and function of organelles, human body systems, inherited traits, adaptations, natural selection, stimulus and response, energy transformations, biodiversity and sustainability, the impact of catastrophic events on ecosystems, the impact of weathering, erosion and deposition on the ecoregions of Texas, the effects of human activity on watersheds, and requirements needed for manned space exploration.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Science 7 (#3071)

In 7th grade Science, the content focus is on organisms and the environment. Throughout this course, students conduct laboratory and field investigations to analyze data using critical thinking and scientific problem solving. Students will study a variety of topics that include cell theory, structure and function of organelles, human body systems, inherited traits, adaptations, natural selection, stimulus and response, energy transformations, biodiversity and sustainability, the impact of catastrophic events on ecosystems, the impact of weathering, erosion and deposition on the ecoregions of Texas, the effects of human activity on watersheds, and requirements needed for manned space exploration. Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Information Technology 7 (#8815)

Students will develop computer literacy skills which will enable them to adapt to emerging technologies used in the global marketplace and the field of cybersecurity. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment, specifically in cybersecurity. Units exploring the challenges facing information security professionals related to ethics, system security, network security, and application security will be presented. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the global information technology environment.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

For Zachry Magnet School, GT services are provided through specialized magnet courses and curriculum. See page 6 for more information about GT services at Middle School Magnet Schools.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.



MATHEMATICS

Math 7 (#2070)

This course builds on student understanding of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Accelerated Pre-Algebra (#2072)

This course connects components from the 7th grade math TEKS into the 8th grade math curriculum with an emphasis on complex problem solving through the lens of proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will utilize process standards to weave knowledge and skills together so they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced MS Algebra I course.

Prerequisite (PR): Accelerated Math 6

Semesters: 2 HS Credit (CR): 0

Math Bridge I is a course designed for 7th grade students who want to take Advanced MS Algebra I (high school credit course) in 8th grade and who are NOT currently enrolled in Accelerated Math 6. This class is a 90-minute course that includes both 7th grade and 8th grade math content. This course will fulfill the math requirement and will take the place of ONE elective.

Math Bridge I (#2083)

This course integrates the 7th grade and 8th grade math curriculum with an emphasis on complex problem solving through the lens of proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will utilize process standards in order to weave knowledge and skills together so they may be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced MS Algebra I course.

Prerequisite (PR): Math 6

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

PHYSICAL EDUCATION

PE: Movement and Lifetime Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820) (listed on page 54).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives from page 52-54 in this catalog.

Dance MS 1 PE (#5091)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 54.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

Note: This course meets the middle school Physical Education requirements. To take this course as an elective only, see the course listing on page 54.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir

Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir

Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir

Semesters: 2 HS Credit (CR): 0

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) (listed on page 17).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Dance MS 1 (#6810)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 51.

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

Note: This course serves as an elective only. To take this course as a substitute for PE, see the course listing on page 51.

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units include drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered the last week of each semester (Fall and Spring) counting for 20% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Zachry
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



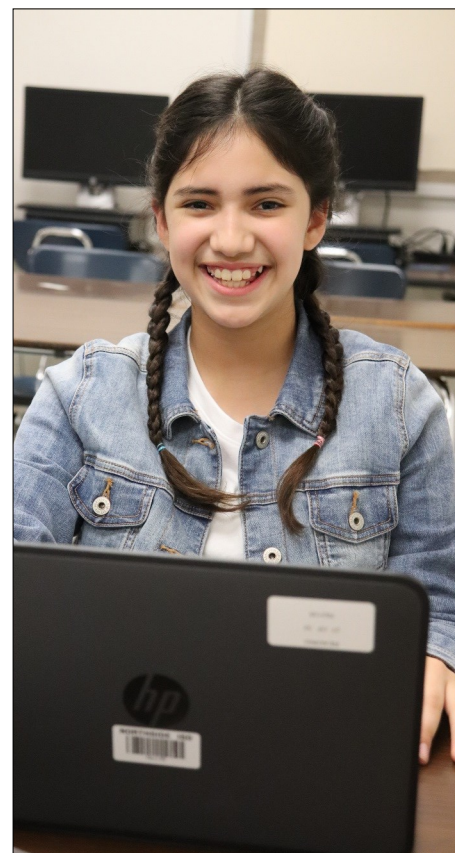
JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Zachry
Magnet School

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Graduation Toolkit

Information for
Planning Your
High School Years

 Overview

 Choices

 Steps

 Benefits

 Checklists

 Glossary

Adapted from the TEA Graduation Toolkit
https://tea.texas.gov/communications/grad_toolkit/booklet.pdf

Foundation High School Program

Overview

The "Foundation High School Program with endorsements" is a program that allows students to pursue their interests. It is the default graduation program for students who entered high school in the 2014-15 school year or later.

The Foundation High School program contains up to three parts:

- a 22-credit foundation program which is the core of the Texas high school diploma,
- five endorsement* options that allow students to focus on a related series of courses,
- and a higher performance category called Distinguished Level of Achievement.

The Foundation Requirements (22 credits) include:	
English (4 Credits)	English I • English II • English III • English IV (including College Prep, On Ramps, Dual Credit, or Advanced Placement)
Mathematics (3 Credits)	Algebra I • Geometry • An advanced math course
Science (3 Credits)	Biology • A physical science course • An advanced science course
Social Studies (3 credits)	U.S. History • U.S. Government (one-half credit) • Economics (one-half credit) • World History/World Geography/AP Human Geography
Languages Other Than English (2 credits)	2 credits in the same language
Physical Education (1 credit), Fine Arts (1 credit), Speech (0.5 credit), Health (0.5 credit), Electives (4 credits)	

Foundation + Endorsements

Total credits with endorsements: **26**, including four credits within a coherent sequence, **Science, Technology, Engineering, and Mathematics (STEM)**, **Business and Industry**, **Public Service**, **Arts and Humanities**, **Multidisciplinary Studies**.

Enhancements

Additionally, a student may earn the Distinguished Level of Achievement for outstanding performance. This level must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law.

Distinguished Level Of Achievement

- Foundation Program Requirements
- 4 credits in math including Algebra II
- 4 credits in science
- At least 1 endorsement

*A student entering 9th grade must indicate an endorsement he or she plans to follow. A student may change or add an endorsement at any time. A student may graduate without earning an endorsement if, after his or her sophomore year, the student's parent signs a form permitting the student to omit the endorsement requirement.

Endorsements

Students can choose from 5 endorsement areas

See course catalog for course descriptions

<http://bit.ly/NISDCatalog19>



Science, Technology, Engineering, and Mathematics (STEM)

- CTE Courses related to STEM
- Mathematics
- Computer Science
- Science



Business and Industry

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Tech Communication
- Business Management and Administration
- Advanced Broadcast Journalism
- Debate
- Finance
- Hospitality and Tourism
- Information Technology
- Marketing
- Manufacturing
- Public Speaking
- Renewable Energy
- Technology Applications



Public Service

- Corrections and Security
- Education and Training
- Government and Public Admin
- Health Science
- Human Science
- Junior Reserve Officer Training Corps (JROTC)
- Law
- Public Safety



Arts and Humanities

- American Sign Language
- English Electives (not Advanced Broadcast Journalism or Debate)
- Fine Arts (music, theater, art, and dance)
- Language other than English (LOTE) - 2 levels in two languages
- Language other than English (LOTE) - 4 levels in same language
- Social Studies



Multidisciplinary Studies

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation area, including English IV and Chemistry and/or Physics
- 4 credits in Advanced Placement, or dual credit selected from English, math, science, social studies, LOTE, or fine arts

Distinguished Level of Achievement

26 Credits
Algebra II Required
Eligible for Top 10% Automatic Admissions to
Texas Public Universities



22 Credits for the Foundation Program



Requirements of 1 Endorsement

(including 4 credits in Math and Science)



STEM



Business
and
Industry



Public
Service



Arts and
Humanities



Multi-
disciplinary
Studies

Distinguished Level of Achievement

Benefits

Why it matters — Benefits

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant* to help pay for university tuition and fees; and
- Ensure that you are a more competitive applicant at the most selective colleges and universities.

*Must be financially qualified

What it means

The Distinguished Level of Achievement requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

Advantages

- Opportunity to earn an endorsement in an area of interest
- More college and university options
- More financial aid options
- Better preparation for college-level coursework at community/ technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study
- Strong foundation to successfully complete an industry workforce credential or college degree

Graduation Program

Checklists

9th / 10th Grade

- ❑ **Monitor** high school credits being sure to meet all local and state requirements by the end of the senior year.
- ❑ **Take** dual enrollment or Advanced Placement courses, if possible, to earn college credit while still in high school.
- ❑ **Keep** list of awards, honors, and extracurricular activities for scholarship and college applications.
- ❑ **Research** colleges or universities you are interested in attending. Check admission and application requirements and timelines.
- ❑ **Explore** interests and take advantage of Career Day opportunities.
- ❑ **Attend** college nights hosted by your high school. Talk with school representatives about the types of financial aid available.
- ❑ **Take** the Preliminary SAT/National Merit Scholarship Qualifying Test in your sophomore year for practice. In your junior year, take the PSAT for eligibility for the National Merit Scholarship Competition. Students who take the PSAT or ACT's PLAN tend to score higher on the SAT or ACT than those who do not.

11th / 12th Grade

- ❑ **Take** dual enrollment or Advanced Placement courses if possible to earn college credit while you are still in high school.
- ❑ **Check** with your counselor's office or your college career center to learn about available scholarships. Be sure to apply early and for as many scholarships as possible. Do not limit yourself to local scholarships.
- ❑ **Consider** taking SAT/ACT preparation classes such as Senior Seminar. All 11th grade students will participate in an SAT administration during the school day. Seniors are encouraged to sign up and take the ACT and/or SAT test to improve their scores no later than the fall of your senior year.
- ❑ **Apply** to college during the fall of your senior year.
- ❑ **Fill** out the FAFSA (Free Application For Federal Student Aid) early in the spring of your senior year.



Access the College and Career Transition Booklet here:
bit.ly/NISDCollegeandCareer



Access the NISD Graduation site here: nisd.net/schools/graduation

Graduation Program

Glossary

Course Credit: A unit of measure awarded for successful completion of a course. Completion of a one semester course typically earns one-half credit for a student.

Distinguished Level of Achievement: A high level of academic achievement earned by going beyond the Foundation High School Program. It requires a total of 26 course credits, including: Algebra II, a fourth science credit and an endorsement. A student must earn this designation to be eligible for top ten percent automatic admission to a Texas public university.

Endorsements: Areas of specialized study. The areas are:

- ▶ Science, Technology, Engineering and Mathematics (STEM)
- ▶ Business and Industry
- ▶ Arts and Humanities
- ▶ Public Service
- ▶ Multidisciplinary Studies

EOC: STAAR end-of-course exams are state mandated tests given during the final weeks of a course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I and II, Biology, Algebra I, and U.S. History courses.

Foundation High School Program: The basic 22-credit graduation program for Texas public school students.

Industry Workforce Credential: A state, nationally, or internationally-recognized credential that aligns with the knowledge and skills standards identified by an association or government entity representing a particular profession or occupation and valued by business or industry. Examples include a credential for certified nurse aide (CNA) or the automotive service excellence (ASE) certification in the automotive industry.

Performance Acknowledgments: Students may earn an additional acknowledgment on their diploma because of outstanding performance in areas such as dual credit courses and bilingualism and biliteracy; on Advanced Placement, PSAT, ACT's Plan, the SAT, or the ACT exams; or by earning a nationally- or internationally-recognized business or industry certification.