



MIDDLE SCHOOL COURSE CATALOG

2022-2023

Fort Worth
INDEPENDENT SCHOOL DISTRICT

www.fwisd.org

January, 2022

TO THE PARENTS OF SECONDARY SCHOOL STUDENTS:

The mission of the Fort Worth Independent School District is to prepare ALL students for success in college, career and community leadership. We are committed to working with you in order to ensure that every student is provided the appropriate rigorous learning opportunities in order to fulfill that mission.

The information contained within this course catalog is designed to assist students, parents, and school staff in understanding the Fort Worth Independent School District and Texas State Graduation Requirements along with the courses and programs available to fulfill these requirements. Students and parents are urged to review this information and to work closely with the student's academic advisor to develop a long-range educational plan.

Students are required to earn an endorsement as part of their Foundation Graduation Diploma program. An endorsement allows a student to focus his/her studies to include a sequence of four courses/credits with selected advanced level courses aligned to his/her career and college interests. Various courses are available to meet each student's needs. Information regarding these courses is described across available disciplines and levels including advanced placement and dual credit courses.

Fort Worth Independent School District has developed an electronic student course scheduling system which includes pre-programmed graduation course progression plans. This scheduling system will facilitate a student's enrollment in the respective courses required for graduation, with a focus on a selected endorsement. This system will also assist students in understanding the timely course completion needed to qualify for certifications or licensures in specialized career fields. Therefore, it is recommended that students and their parents begin with the student's understanding of the career and college pathways information provided in this catalog.

Wise planning and decision-making concerning programs and course selections during the secondary school years increases the probability of successfully achieving academic and/or career goals. We look forward to working with you and your child.

Sincerely,



Kent P. Scribner, Ph.D.

BOARD OF EDUCATION

Tobi Jackson..... Board President, District 2
Quinton Phillips..... First Vice President, District 3
Vacant..... Second Vice President
Carin Evans..... Board Secretary, District 5

Jacinto Ramos, Jr. – District 1	Vacant – District 4
Anne Darr – District 6	Dr. Michael Ryan – District 7
Anael Luebanos – District 8	Roxanne Martinez – District 9

Kent P. Scribner, Ph.D.
Superintendent of Schools

Cover Artwork By:
Samuel Cavazos
Leonard Middle School Art Teacher

TABLE OF CONTENTS

BOARD OF EDUCATION _____	1
TABLE OF CONTENTS _____	2
MIDDLE SCHOOL GENERAL INFORMATION _____	3
MIDDLE SCHOOL PROGRAMS _____	5
MIDDLE SCHOOL REQUIREMENTS _____	8
MIDDLE SCHOOL ASSESSMENTS _____	9
FORT WORTH ISD FOUNDATION GRADUATION PLANS _____	10
REQUIRED COURSES FOR EACH GRADUATION PLAN _____	11
GRADUATION ENDORSEMENTS AVAILABLE _____	12
<i>Business and Industry Endorsement</i> _____	12
<i>Public Services Endorsement</i> _____	13
<i>STEM Endorsement</i> _____	13
MIDDLE SCHOOL COURSE DESCRIPTIONS _____	14 - 44
Programs of Choice and Preparatory Courses _____	14
English Language Arts _____	15
Mathematics _____	20
Science _____	23
Social Studies _____	26
Fine Arts _____	29
World Languages _____	34
Career and Technical Education _____	38
Technology Applications and Other Electives _____	41
Health and Physical Education _____	42
Junior Cadet Corps _____	44

MIDDLE SCHOOL GENERAL INFORMATION

The information contained in this catalog is subject to change without notice. For the most up-to-date catalog, please visit our website at <https://www.fwisd.org>.

PUBLIC NOTICES

The Fort Worth ISD offers Career and Technical Education programs in the following Career Areas:

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, Audio Video Technology, and Communications (Arts A/V)
- Business, Marketing, and Finance
- Education and Training
- Energy (P-TECH Program only)
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law and Public Service
- Manufacturing
- Science, Technology, Engineering, and Mathematics (STEM);
- Transportation, Distribution, and Logistics.

Admission to the above programs is based on interest, lottery selection, age appropriateness, and class space availability.

It is the policy of the District not to discriminate on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law in its vocational 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.

Fort Worth ISD will take steps to assure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

The Fort Worth Independent School District prohibits discrimination, including harassment, against any employee on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of District policy. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Patricia Sutton Director of Special Services 100 N. University Dr. Fort Worth, TX 76107 817.814.2458 Patricia.sutton@fwisd.org	Kevin Greene Director of Title IX 100 N. University Dr. Fort Worth, TX 76107 817.514.1830 Kevin.greene@fwisd.org	Lisa Langston Director of UIL Compliance 1501 University Dr. Fort Worth, TX 76107 817.815.7307 Lisa.langston@fwisd.org
--	---	--

COLLEGE AND CAREER PREPARATION

Middle School offers a strong foundation for academic success. Plan to take the most rigorous courses available at your school. The district offers various advanced course offerings for middle school students who are college and career bound.

- Gr 6 - 7 **Begin** to investigate college/career goals and objectives and to discuss interests, possible careers, Career and Technical Education (CTE) Programs of Study, Gold Seal Program and Schools of Choice (GSPOC), high school offerings, and college options.
- Gr 7 - 8 **Work** with parents and counselors as you create a six-year progression plan and investigate the various offerings within each of the career clusters. Select high school courses based on your chosen pathway or

program selection. Review college catalogs, publications and websites. Take advantage of district programs and scholarships. Start researching scholarships and financial requirements.

- Gr 9 **Review** and revise your six-year progression plan with parents and counselors. The online course progression mapping will assist students in completing necessary course work to earn certifications or licensures, where such options exist. Begin building a high school transcript. Research colleges and universities of interest. Attend the District College Night to learn more about your opportunities.
- Gr 10 **Review** and revise your six-year progression plan with parents and counselors. Participate in an individual academic conference with parent(s) and counselor to decide on courses for the 11th grade. Research colleges and universities of interest. Attend the District College Night to learn more about your opportunities. Some highly motivated students will choose to take the PSAT during 10th grade.
- Gr 11 **Review** academic plans and narrow college choices. Participate in an individual academic conference with parent(s) and the senior high school counselor to decide on courses for your senior year and to discuss post-graduation plans. Attend College Night. Take the PSAT in OCTOBER (National Merit Qualifying Test). Take the SAT or ACT in the late spring. Explore scholarship opportunities.
- Gr 12 **Review** post-secondary options. Confer with counselor in early fall. Attend College Night. Take the SAT or ACT in the early fall. Send college applications early in the fall semester. Be mindful of college application deadlines. Submit housing application in the early fall. Attend financial aid programs. Send federal financial aid applications in October. Submit scholarship applications beginning in the fall.

PLANNING YOUR MIDDLE SCHOOL CAREER

Your middle school years will be a time to explore your interests for future career directions as well as to build a solid foundation of knowledge and skills through the courses you take. Middle school is an exciting time to prepare to enter high school as you investigate who you are and what you like to do. You have control over your future. Will you make good choices? You will if you take advantage of opportunities to explore your areas of interest and to develop skills that prepare you for success in high school and beyond.

Some suggestions for beginning your plan now are...

Discuss your interests, career possibilities, and goals with your parents, teachers, and school counselors;

- ◆ Develop good study habits and keep your grades up;
- ◆ Take core courses at the most challenging level you can handle to build on and extend your skills in reading, writing, listening, speaking, and thinking analytically;
- ◆ Take electives that will help you learn new skills and explore different career areas;
- ◆ Learn about the many different high school options available and begin to consider which one is right for you;
- ◆ Get involved in school and community activities that will help you learn;
- ◆ Talk to high school students and graduates to find out what they have learned about the future;
- ◆ Investigate colleges and universities that offer programs relating to your interests; and
- ◆ Start a savings plan to help you meet your goals.

Decisions made about courses taken in middle school are important. By paying careful attention to your course choices, you can ensure that a wide range of options are available to you once you enter high school. You may be asking, "Why do I need to be involved in making an Educational Plan?" That's a great question! Think about this. You gain knowledge and learn skills you will use for the rest of your life during high school. Most of the courses you will take in high school are required, but you get to choose the electives. An educational plan that includes electives based on your interests can help you become whatever YOU want to become.

Core courses provide you with an academic foundation that you will use in any career you choose. Electives provide you with a variety of opportunities and experiences so you can discover where your talents and abilities lie. Career and Technical Education (CTE) courses provide you with opportunities to learn concepts and skills needed for success in your chosen career fields. You will also learn to make good decisions and set goals for your future.

MIDDLE SCHOOL PROGRAMS

You have several academic options available to you. These include on-level courses, Honors, AP, Dual Credit, and On-Ramps courses. You should take courses that will be a challenge for you. Many of FWISD's academic programs are listed below. For additional information about any particular program or service, please contact your school counselor.

HONORS COURSES

These courses cover the same content as on-level courses with a wider range and greater depth of subject matter. Emphasis is placed on critical thinking skills, creative thinking, and independent guided research. In the middle school program, honors courses are offered in English/Language Arts, Mathematics, Science, and Social Studies. All students taking these types of courses must be enrolled in the course no later than 10 days from the first day of classes or within 10 days of the student enrolling in school. Any recommendation to move students from an honors course are to be made only after a conference which includes the student, teacher, parent, and administrator.

ADVANCED COURSES

These courses cover a full year plus a portion of a second year of content in one school year. In the middle school program, these courses are offered in Mathematics and Science.

ACCELERATED COURSES

These courses cover multiple years of content in one school year. In the middle school program, these courses are offered in Mathematics.

HIGH SCHOOL COURSES

These courses provide students who have completed the middle school curriculum an opportunity to take high school-level courses while in middle school. Grades earned in high school courses taken in middle school will be noted on the high school transcript and may impact high school GPA and Class Rank. Students and parents should talk to counselors before enrolling in these courses. In the middle school program, high school courses are offered in English/Language Arts, Mathematics, Science, World Language, and Career and Technical Education.

STRUCTURED LITERACY & ENHANCED MATH

These courses are designed for students who need additional supports in English Language Arts/Reading and/or Math based on the STAAR assessment, NWEA MAP data, or other local data points.

These courses are double-blocked with a student's regular grade level ELAR or Math course and are designed to support students to achieve grade-level proficiency. There is a structured curriculum and resources that are used in this course to support your child academically. As a result of students being double-blocked, students will be scheduled in one less elective.

ADVANCED PLACEMENT AND COLLEGE CREDIT COURSES AVAILABLE AT MIDDLE SCHOOL

Some middle schools offer an AP Spanish Language and Culture course that allows a Grade 8 student who successfully completes the course the opportunity to take the related AP Exam. If the student receives an examination score of 3, 4, or 5 on the College Board's AP examination, the student will be eligible to receive college credit.

ACCELERATION THROUGH REQUIRED COURSES

Students are required to complete the Texas Essential Knowledge and Skills (TEKS) in all required middle school courses. If a student wishes to place out of a course, or to accelerate through a required course sequence, he or she may do so in one of two ways:

- Taking a Credit By Examination (CBE)
- Completing board-approved courses that compact the curriculum

Compacted courses are available in Mathematics, Science, and English Language Arts.

AVID

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success. Scheduled during the regular school day as a year-long course, AVID strengthens academic skills and build strategies for post-secondary success. Students engage in rigorous curriculum while being provided supports with writing

and research skills, organization, and study skills along with experiencing a college-going culture. Additionally, the AVID class provides access to information about colleges and universities through college field trips, guest speakers, tutors, college exam practice and testing, scholarship information and opportunities, and college admission information.

CAREER AND TECHNICAL EDUCATION (CTE)

Middle school CTE elective courses take on a more hands-on approach to career exploration and skill development through problem-solving, technology applications, and STEM-embedded curriculum. These introductory courses help students explore various careers and start developing their basic college and career skill sets, which further helps them identify the career field(s) that interest them. Many career counseling components of the mandated [House Bill 18](#) are embedded within the CTE middle school courses. Additionally, some of the courses are also offered for high school credit. By starting these introductory courses in middle school, students can then get a jump start on their careers by selecting their high school CTE career pathway included in their individualized six-year progression plan, further preparing them to be college and career ready.

DYSLEXIA & RELATED DISORDERS

Students identified by the Dyslexia Services Department are eligible for certain courses and other support services. Questions or concerns should be brought to the attention of the diagnostician, school counselor, or principal.

ENGLISH AS A SECOND LANGUAGE (ESL)

FWISD offers numerous ESL courses and support services. Placement and eligibility for ESL services and courses is determined by a home language survey, referral to the Language Assessment Center for evaluation, and LPAC Committee recommendations.

HIGH SCHOOL COURSES AVAILABLE AT MIDDLE SCHOOL

Middle school students may take high school courses in middle school provided the student successfully completes prerequisites. Middle school students who are enrolled in any course for which there is a corresponding EOC exam will be required to take the EOC exam for the high school course while in middle school. Middle school students who are enrolled in any high school course in middle school for which there is not a corresponding EOC exam will be required to take the corresponding grade level assessment.

Students earn credit towards high school graduation upon successful completion of the course. Beginning with students who will graduate in 2024, grades earned in high school courses taken in middle school might be used in the calculation of the student's high school GPA if the student does not take sufficient high school courses while in high school. Beginning with students who entered 6th grade in the 2018-2019 school year, grades earned in AP courses will be used in the calculation of a student's high school GPA. Please visit with your counselor for specific assessment requirements.

The following high school courses **may** be offered at **some middle schools** (high school credit earned upon completion). See the course descriptions to identify any prerequisites needed to enroll in the courses and requirements needed to earn high school credit.

▲ Honors English I A/B ▲ Honors Algebra I A/B ▲ Honors Geometry A/B ▲ Honors Biology A/B
▲ Honors Integrated Physics and Chemistry ▲ Special Topics in Social Studies: Geography Themes & Perspectives A/B
▲ Spanish I A/B ▲ Spanish II A/B ▲ Honors Spanish III A/B ▲ Honors Spanish IV A/B
▲ AP Spanish Language and Culture A/B ▲ French I A/B ▲ German I A/B ▲ Latin I A/B ▲ Chinese I A/B
▲ Japanese I A/B ▲ Art I A/B ▲ General Employability Skills A/B ▲ Touch System Data Entry T
▲ Professional Communications T ▲ Project Lead the Way (PTLW) GTT IT, IIT, IIIT, IVT

SPECIAL EDUCATION AND SECTION 504

All courses for middle school students receiving special education services will be selected following the process outlined for general education students, except when a student requires an alternate course of study, as determined by the ARD committee. If the ARD committee determines that a general education course does not meet the needs of a special education student, the committee will reference the [Course Selection Guides](#) to select a substitute course that is aligned to the general education course.

GOLD SEAL PROGRAMS OF CHOICE

The District provides unique learning experiences through *Schools of Choice* and *Programs of Choice*. Schools of Choice largely serve students who desire a non-traditional approach to the learning process. Schools of Choice are stand-alone schools that provide a unique learning opportunity for students. Programs of Choice are offered at schools across the district. Students receive a full range of learning experiences along with a more intensive curriculum in specialized fields. All interested applicants must apply for a School of Choice or Program of Choice. Selection is based on a lottery process, with priority given to certain categories of students. Applications are available beginning in November with a December deadline. For additional information regarding programs offered at the high school level, please visit the Gold Seal page at www.fwisd.org/choice or contact the Post-Secondary Specialist representing the school. Please contact the principal for information regarding the elementary or middle school programs.

WORLD LANGUAGES

To meet the needs of an ever-growing global economy, FWISD offers students the opportunity to study multiple languages. For Native Spanish Speakers, there are several opportunities to earn high school credit and, in some cases, even qualify for college credit while in middle school. Prior to enrollment, students are tested via a national world language placement test and enrolled in appropriate courses.

MIDDLE SCHOOL REQUIREMENTS

Course/Grade	6th	7th	8th	Total
English Language Arts & Reading (ELAR)	1	1	1	3
Mathematics (Math)	1	1	1	3
Science (Sci)	1	1	1	3
Social Studies (SS)	1	1	1	3
Physical Education (PE)	0.5	0.5	0.5	1.5
Health Education (H)	0.5	--	--	0.5
Moving to Wellness is a two-semester course required by all 6th graders that <i>fulfills both Health and PE requirements</i>				
Electives				
Required Fine Arts (FA) art, band, choir, dance, orchestra, or theatre arts	1	--	--	1
Students are encouraged to fulfill their FA course requirement in 6th grade.				
Additional Electives Locally developed electives, additional FA, competitive athletics	1	1-2	1-3	3 - 6

Students will have varying opportunities to experience a variety of electives during middle school. Not all campuses offer the same courses or schedules, so the number and variety of electives will differ by location.

NOTE:

Students who enter as new immigrants in grades 7 and 8 require special course sequences. The Language Proficiency Assessment Committee (LPAC) chairperson for each campus will provide information about the special courses and course sequences.

MIDDLE SCHOOL GRADE PROMOTION

The Texas Education Code states that students will promote if they demonstrate subject matter knowledge of the course or grade level. Students must have an overall average of 70 on a scale of 100 for all subject areas. Students must have a grade of 70 or above in three of the following areas: language arts, mathematics, science, and social studies, in order to promote; as well as pass specified End of Course Test/ STARR. See Policies EIE (LEGAL) and EIE (LOCAL) for additional information.

MIDDLE SCHOOL ATTENDANCE REQUIREMENTS

Students must be in attendance a minimum of 90% of the days the class is offered. Students not in attendance the required number of days will not be given a final grade in the class. See Board Policy FEC (LEGAL) and FEC (LOCAL) for additional information.

MIDDLE SCHOOL ASSESSMENTS

MIDDLE SCHOOL TESTING REQUIREMENTS:

In addition to the middle school graduation course requirements, the state has mandated testing requirements.

Fitness Assessment

The Texas Education Code (TEC) §38.101 states that a school district must annually assess the physical fitness of students enrolled in grade 3-12 in a course that satisfies the curriculum requirements for physical education under TEC §28.002 (a)(2)(C). Students at the middle school level enrolled in a Texas Essential Knowledge and Skills (TEKS) based course for physical education, or any student in a substitution for physical education must be assessed. The assessment instrument is the Fitnessgram which evaluates body composition (Body Mass Index), aerobic capacity (one mile run or pacer test), muscular strength and endurance (curl-ups, pull-ups, flexed arm hang), and flexibility (shoulder stretch).

Texas English Language Proficiency Assessment System (TELPAS)

TELPAS requires teachers of English learners (ELs) to rate writing collections for these students according to indicators set by the state for English language in Grades K – 12. Based on state law passed in 1999 and new State Board of Education rules, all students in grades 2 – 12 who are identified as an English learner will take the TELPAS assessment in listening, speaking, reading, and writing. This includes ELs whose parents have denied the program. EL students served through special education will also participate unless their Admission, Review, and Dismissal (ARD) committee exempts them on the basis that their disability prevents appropriate measurement in one or more domains. English learners will participate until they meet the English Proficiency exit criteria. Students served by special education may be eligible for assessment using the TELPAS Alternate assessment.

STAAR Assessment Program

The State of Texas Assessments of Academic Readiness (STAAR) is designed to determine each individual student's developmental progress in learning the content and skills required in core subject areas.

The following grades and subjects will be tested using the STAAR assessments in Grades 6-8.

6 th Grade	7 th Grade	8 th Grade
Reading and Math	Reading and Math	Reading, Math, Science, and Social Studies

Students will be administered the STAAR assessment that align to the level of TEKS instruction they are receiving, regardless of their enrolled grade level. For example, a 7th grade student enrolled in a Grade 8 mathematics course will take the Grade 8 STAAR examination.

High School STAAR End of Course (EOC) in Middle School

The following high school courses require a STAAR EOC exam. If a student takes the course while in middle school, he/she will also be required to take the corresponding EOC for that course.

<u>English Language Arts</u>	<u>Mathematics</u>	<u>Science</u>	<u>Social Studies</u>
English I and English II	Algebra I	Biology	US History

OPTIONAL MIDDLE SCHOOL TESTING

Credit by Examination

A Credit by Examination (CBE) is an exam a student can choose to take to earn credit for a course in which the student has not received instruction. District-wide exams are administered multiple times per year. The student can also take a CBE to satisfy a prerequisite for a course. The CBE must be taken and passed prior to the beginning of the school year. There may be a fee for the exam. See the school counselor for more information.

FORT WORTH ISD FOUNDATION GRADUATION PLANS

Every student in a Texas public school who entered grade 9 in the 2014–15 school year and thereafter will graduate under the “foundation graduation program.” Within the foundation graduation program are “endorsements,” which are paths of interest that include Science, Technology, Engineering, and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies. The foundation graduation program also allows for a “distinguished level of achievement,” which reflects the completion of at least one endorsement and Algebra II as one of the required advanced mathematics credits. Students can also earn performance acknowledgement by satisfying certain criteria. The criteria for earning these performance acknowledgments are prescribed by state rules, and the school counselor can provide more information about these acknowledgments.

Fort Worth ISD offers three (3) graduation plans:

1. *Distinguished Level of Achievement (DLA) - 26 credits (Recommended for all students)*

To earn the DLA:

- ◆ You are required to take at least four courses (4 credits) in a sequence specific to at least one **Endorsement**.
- ◆ You are required to take **Algebra II**.
- ◆ You may also earn Performance Acknowledgements.

The DLA makes you a **more competitive applicant** at the most selective colleges and universities.

The DLA positions you to be among those **first in line** for a Texas Grant and other financial aid options.

The DLA prepares you better for coursework at **community/technical colleges or universities**.

The DLA develops a strong foundation to successfully complete an **industry workforce credential or college degree**.

2. *Foundation High School Program + Endorsements - 26 credits*

To earn the Foundation Degree PLUS Endorsements:

- ◆ You are required to take at least four courses (4 credits) in a sequence specific to at least one Endorsement.
- ◆ You may also earn Performance Acknowledgements.

3. *Foundation High School Program - 22 credits (Only available after the completion of sophomore year)*

To earn the basic Foundation Degree:

- ◆ You must have selected this option only after completing your sophomore year.
- ◆ You may also earn Performance Acknowledgements.

State law and rules prohibit a student from graduating solely under the foundation graduation program without an endorsement unless, after the student’s sophomore year, the student and student’s parent are advised of the specific benefits of graduating with an endorsement and submit written permission to the school counselor for the student to graduate without an endorsement. A student who anticipates graduating under the foundation graduation program without an endorsement and who wishes to attend a four-year university or college after graduation must carefully consider whether this will satisfy the admission requirements of the student’s desired college or university.

Endorsements are made up of four courses or four or more credits taken in a coherent sequence providing advanced or more in-depth knowledge and skills in a curriculum area. Middle school students should explore career information related to the endorsement areas listed below so they may begin to think about what areas they will want to take more in-depth coursework during their educational career in high school.



Note: High school courses needed to satisfy an endorsement may also be used to satisfy foundation named course subject requirements. Students may enroll in courses under more than one endorsement before the student’s junior year. Endorsements earned by a student will be noted on the student’s transcript.

Performance Acknowledgements are to be noted on the student’s transcript and diploma where a student has accomplished outstanding performance in areas such as Dual Credit, Bilingualism and Biliteracy, AP or IB exams, PSAT, ACT-Aspire, SAT or ACT testing, or Certifications and Licensures.

REQUIRED COURSES FOR EACH GRADUATION PLAN

	Foundation Program 22 Credits	Foundation + Endorsements 26 Credits	Distinguished Level of Achievement (Recommended for All students) 26 Credits
ELA 4 Credits	<ul style="list-style-type: none"> English I English II English III One advanced English course 	<ul style="list-style-type: none"> English I English II English III One advanced English course 	<ul style="list-style-type: none"> English I English II English III One advanced English course
MATH 3 – 4 Credits	<ul style="list-style-type: none"> Algebra I Geometry Additional math course 	<ul style="list-style-type: none"> Algebra I Geometry Additional math course Additional math course toward Endorsement 	<ul style="list-style-type: none"> Algebra I Geometry Algebra II * Additional math course toward Endorsement
SCIENCE 3 – 4 Credits	<ul style="list-style-type: none"> Biology IPC or Chemistry or Physics Additional science course 	<ul style="list-style-type: none"> Biology IPC or Chemistry or Physics Additional science course Additional science course toward Endorsement 	<ul style="list-style-type: none"> Biology IPC or Chemistry or Physics Additional science course Additional science course toward Endorsement
SOC STUD 4 Credits	<ul style="list-style-type: none"> World/Human Geography World History US History Government & Economics 	<ul style="list-style-type: none"> World/Human Geography World History US History Government & Economics 	<ul style="list-style-type: none"> World/Human Geography World History US History Government & Economics
NON-CORE 8 – 10 Credits	<ul style="list-style-type: none"> 2 credits, World Language *** 1 credit, Physical Education ** 1 credit, Fine Arts 0.5 credit, Health 0.5 credit, Speech 3 credits, Electives 	<ul style="list-style-type: none"> 2 credits, World Language *** 1 credit, Physical Education ** 1 credit, Fine Arts 0.5 credit, Health 0.5 credit, Speech 5 credits, Electives 	<ul style="list-style-type: none"> 2 credits, World Language *** 1 credit, Physical Education ** 1 credit, Fine Arts 0.5 credit, Health 0.5 credit, Speech 5 credits, Electives

Available Endorsements ****

Science, Technology, Engineering, and Mathematics
 Business and Industry
 Public Services
 Arts and Humanities
 Multidisciplinary Studies

* In order to obtain the distinguished level of achievement under the foundation graduation program, which will be denoted on a student's transcript and is a requirement to be considered for automatic admission purposes to a Texas four-year college or university, a student must complete an endorsement and take Algebra II as one of the 4 mathematics credits.

** A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, social studies, or another locally determined credit-bearing course for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable.

*** Students are required to earn two credits in the same language other than English to graduate. Any student may substitute approved computer-programming languages for these credits. In limited circumstances, a student may be able to substitute this requirement with other courses, as determined by a district committee authorized by law to make these decisions for the student.

**** A student must specify upon entering grade 9 the endorsement he or she wishes to pursue.

CAREER FOCUSES AND INDUSTRY ENDORSEMENTS

Did you know that there are thousands of different careers in the United States? To help organize the many various types of fields, the U. S. Department of Labor has organized these areas into 14 career areas. Industries share certain similar work skills that can be applied throughout multiple industries. In FWISD, career focuses link what students learn in school with the knowledge and skills they need to be college and career ready by high school graduation.

To help you explore your options, these careers are organized into career clusters according to the types of jobs within your area of interest. In Fort Worth ISD, Career and Technical Education (CTE) offers high school courses in a variety of career clusters to help you learn about the people and different types of work done in each cluster, and to acquire the knowledge and skills needed for the jobs within each cluster. In middle school, you take CTE courses that will help you explore these different areas. Exploring the various careers will help you decide what program and courses you would like to take in high school. Before entering high school, all students will develop a Progression Plan. The Progression Plan serves as a guide, listing courses within the program you choose, to ensure that you stay on track to reach your college and career goals.

Think of a career focus as being like a college major. Choosing a career focus will help you acquire the knowledge and skills you'll need to enter your chosen career. It will allow you to follow a seamless course of study from high school into college or other postsecondary education or training. The electives you choose can complement your core academic classes to prepare you for the challenges of the real world of work.

Fort Worth ISD Career and Technical Education (CTE) offers many different focuses within the career areas for students to choose from. Each career focus has a coherent sequence of courses throughout high school that can lead to an industry endorsement on the student's high school diploma. Each career focus begins with foundation courses that allow students to explore careers within the focus and to learn basic concepts and skills within those careers. As students move forward within the career focus, courses become more technical and provide students with more advanced knowledge and skills in preparation for postsecondary training for jobs within the student's chosen career field and/or preparation for postsecondary education.

Many career focuses will lead into a capstone experience junior or senior year, that allows students to graduate with a performance acknowledgement on their diploma. These experiences include earning dual credit, a level I or II college certificate, an industry-based certificate, a work-based learning experience, and/or a paid internship opportunity. A CTE Capstone Experience will help students build industry relationships and prepare for the real world which will in turn help students become more employable in high-need, high-wage jobs. Additionally, students use this opportunity to find a job that could help pay for college or post-secondary education.

GRADUATION ENDORSEMENTS AVAILABLE

Business and Industry Endorsement

Agriculture, Food & Natural Resources careers focus on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Architecture & Construction careers focus on designing, planning, managing, building and maintaining the built environment.

Arts, A/V Technology & Communications careers focus on designing, producing, exhibiting, performing, writing, and publishing multimedia content. These focuses include visual and performing arts, design, journalism, and entertainment services.

Business, Marketing & Finance careers focus on planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Also focuses on planning and related services for financial and investment planning, banking, insurance, and business financial management.

Hospitality & Tourism careers focus on preparing individuals for employment in careers that encompass the management, marketing and operations of restaurants, food/ beverage services, lodging, attractions, recreation events and travel related services.

Information Technology careers focus on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, and multimedia and systems integration services.

Manufacturing careers focus on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Transportation, Distribution & Logistics careers focus on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Public Services Endorsement

Education & Training careers focus on planning, managing and providing education and training services, and related learning support services such as administrative support, and professional support services.

Health Science Technology careers focus on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Human Services careers focus on preparing individuals for employment in careers that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services. Cosmetology is one specific career that is covered under human services.

Law and Public Service careers focus on preparing individuals for employment in careers in correction services, emergency and fire management services, law enforcement, legal services, security and protective services. Also prepares individuals for employment in careers that are related to Foreign Service, national security, governance, planning, public management and administration, and regulation.

STEM Endorsement

Science, Technology, Engineering & Mathematics (STEM) careers focus on planning, managing, and providing scientific research and professional and technical services (e.g. physical science, social science, engineering) including laboratory and testing services, and research and development services.

Further information regarding endorsements can be found on the Texas Education Agency site [CTE Programs of Study Alignment to Endorsements](#) on the tea.texas.gov site.

Websites for further college research:

www.collegeforall exams.com

www.collegeboard.org

www.achievetexas.org

www.act.org

www.eligibilitycenter.org

www.ncaa.org

www.fafsa.ed.gov

gentx.org

High School Diploma Program and College Scholarships

Informed decisions regarding the development of a student academic portfolio towards a graduation program and successful completion of coursework will assist students in qualifying for college scholarships. The Foundation High School Graduation Program completed with the required endorsements may qualify a student for a variety of academic and athletic scholarships at colleges and universities. Additional information is available at the websites mentioned above.

National Collegiate Athletic Association (NCAA) eligibility standards specify core courses that students must successfully complete. Each individual high school has a list of the courses that qualify for the Division I (16 Core-Course Rule) and Division II (14 Core-Course Rule), called the 48 H list. Talk with your counselor or find your school list on the NCAA website. High school classes taken in Grade 8 may also qualify to count as a core course. Only NCAA core courses are used in the calculation of the student's grade point average for NCAA eligibility, SAT or ACT test scores are also required.

Programs of Choice and Preparatory Courses

*** For all questions regarding Programs and Schools of Choice, please visit the Gold Seal page at fwisd.org/choice.**

AVID AB (Advancement Via Individual Determination)	0261A/B (6th), 0269A/B (7th) or 0270A/B (8th)
Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Students progress from one grade level to the next and develop awareness of the values accompanying academic goals and success. Students receive instructions that utilize a rigorous college-preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students are exposed to field trips, guest speakers, and research to increase their knowledge of college and career opportunities	82900XXX (6 th), 85000001 (7 th), or 85000002 (8 th)
<u>Instructional Material:</u> Materials provided through contract with AVID Center	Grade level: 6-8
<u>Prerequisites:</u> Application to and Acceptance into the AVID Program	Credit(s): Local Credit Only
<u>What's Next?</u> Next grade level of AVID courses	
Medical Science: Dissections T, Gr 7 or 8	0149 T or 0152 T
Medical Science: Forensics T, Gr 7 or 8	0150 T or 0153 T
Medical Science: Genetics T, Gr 7 or 8	0151 T or 0154 T
This course is divided into three semester long electives, which offers an introduction into the basic anatomy and physiology of the human body, human health needs, examining interaction of body systems, careers in medical science, and public health issues. Students will gain experience in learning medical terminology and health care skills. Knowledge of body systems is required for this course. This course will prepare students for the health occupation programs offered at North Side High School and Trimble Tech High School.	85000033 or 85000029 85000034 or 85000035 85000028 or 85000036
<u>Instructional Material:</u> Contact Campus Principal	Grade level: 7-8
<u>Prerequisites:</u> Completion of the 7th grade Medical Science is not required for 8th grade Medical Science, but is preferred; student interest	Credit(s): Local Credit Only
<u>What's Next?</u> N/A	
Only offered at J.P. Elder MS.	

English Language Arts

English Language Arts Recommended Course Sequence and Testing Guide

	Traditional		Honors		Advanced Placement (AP) / Dual Credit (DC)	
6th	Gr 6 ELAR: 0041	STAAR Gr 6	Honors Gr 6 ELAR: 0015	STAAR Gr 6	Honors Gr 6 ELAR: 0015	STAAR Gr 6
7th	Gr 7 ELAR: 0042	STAAR Gr 7	Honors Gr 7 ELAR: 0019	STAAR Gr 7	Honors Gr 7 ELAR: 0019	STAAR Gr 7
8th	Gr 8 ELAR: 0043	STAAR Gr 8	Honors Gr 8 ELAR: 0025	STAAR Gr 8	Honors English I: 3090	Eng I EOC
9th	English I: 3011	Eng I EOC	Honors English I: 3090	Eng I EOC	Honors English II: 3092	Eng II EOC PSAT
10th	English II: 3013	Eng II EOC	Honors English II: 3092	Eng II EOC PSAT	Honors English III: 3094 Advanced ELAR	Exams vary by course
11th	English III: 3015	PSAT SAT ACT	Honors English III: 3094 AP/DC ELAR Elective or Advanced ELAR	Exams vary by course	OnRamps English (may only take once for Eng III or Eng IV – 1 credit) AP/DC ELAR Elective or Advanced ELAR	Exams vary by course
12th	English IV: 3017 College Preparatory English: 3131	PSAT SAT ACT TSI	OnRamps English (may only take once for Eng III or Eng IV – 1 credit) AP/DC ELAR Elective or Advanced ELAR	Exams vary by course	AP/DC ELAR Elective OnRamps English (may only take once for Eng III or Eng IV – 1 credit)	Exams vary by course

Gr 6 ELAR

Sheltered Gr 6 ELAR

Sheltered Gr 6 ELAR - NP

0041 A/B

0084 A/B

0064 A/B

Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, research, listening, speaking, oral, and written language skills.

02800000

Instructional Material: 0600 – Pearson’s myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)

Grade level: 6
Credit(s): NA

Prerequisites: None

What’s Next? Gr 7 ELAR (or Honors)

Students will take STAAR Gr 6 Reading.

Teachers teaching EL students must be English and ESL certified.

Gr 6 Enhanced ELAR

Sheltered Gr 6 Enhanced ELAR (Humanities)

00041 A/B

00084 A/B

This Enhanced course follows the 6th grade ELAR and 6th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions common to world societies. Emphasis is placed using primary, secondary, and literary sources to examine the connectedness and diversity of the human experience through the exploration of the people, places, and ideas that highlight the geographic, religious, political, social, educational, economic, and scientific spheres of world societies.

02660060

Instructional Material: Contact content director for approved instructional materials.

Grade level: 6
Credit(s): NA

Prerequisites: Content Director approval needed; concurrent enrollment in Gr 6 Enhanced Social Studies

What’s Next? Grade 7 Enhanced ELAR

Students will take STAAR Gr 6 Reading.

Gr 6 ELAR Honors

Sheltered Gr 6 ELAR Honors

0015 A/B

0087 A/B

As required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.

02800000

<p><u>Instructional Material:</u> 0600 – Pearson’s myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)</p> <p><u>Prerequisites:</u> FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. Prior learning to consider in placement: previous Honors course; top 25% - 40% achievement data (using local norms) on any state or national exam of reading and/or writing.</p> <p><u>What’s Next?</u> Gr 7 ELAR Honors</p> <p>Students will take STAAR Gr 6 Reading.</p> <p>Course taught by a locally certified gifted teacher, that has attended at least one AP or LTF Summer Institute for the course.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 6</p> <p>Credit(s): NA</p>
<p>Gr 7 ELAR</p> <p>Sheltered Gr 7 ELAR</p> <p>Sheltered Gr 7 ELAR - NP</p>	<p>0042 A/B</p> <p>0085 A/B</p> <p>0065 A/B</p>
<p>Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, research, listening, speaking, and oral and written language skills.</p>	<p>03200540</p>
<p><u>Instructional Material:</u> Pearson’s myPerspective, Grade 7 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)</p> <p><u>Prerequisites:</u> Gr 6 ELAR</p> <p><u>What’s Next?</u> Gr 8 ELAR (or Honors) or Honors English I</p> <p>Students will take STAAR Gr 7 Reading.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 7</p> <p>Credit(s): NA</p>
<p>Gr 7 Enhanced ELAR</p> <p>Sheltered Gr 7 Enhanced ELAR</p> <p>(Humanities)</p>	<p>00042 A/B</p> <p>00085 A/B</p>
<p>This Enhanced course follows the 7th grade ELAR and 7th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions of Texas history from 1519 to present day. Emphasis is placed on using primary, secondary, and literary sources that examine the human experience with particular attention n to issues of race, class, and gender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces of the time period.</p>	<p>03343000</p>
<p><u>Instructional Material:</u> Contact content director for approved instructional materials.</p> <p><u>Prerequisites:</u> Content Director approval needed; concurrent enrollment in Gr 7 Enhanced Social Studies</p> <p><u>What’s Next?</u> Grade 8 Enhanced ELAR</p> <p>Students will take STAAR Gr 7 Reading.</p>	<p>Grade level: 7</p> <p>Credit(s): NA</p>
<p>Gr 7 ELAR Honors</p> <p>Sheltered Gr 7 ELAR Honors</p>	<p>0019 A/B</p> <p>00857 A/B</p>
<p>As required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.</p>	<p>03200540</p>
<p><u>Instructional Material:</u> Pearson’s myPerspective, Grade 7 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)</p> <p><i>Additional resources available through required attendance at least 1 AP or LTF summer institute.</i></p> <p><u>Prerequisites:</u> FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. Prior learning to consider in placement: previous Honors course; top 25% - 40% achievement data (using local norms) on any state or national exam of reading and/or writing.</p> <p><u>What’s Next?</u> Gr 8 ELAR Honors or Honors English I</p> <p>Students will take STAAR Gr 7 Reading.</p> <p>Course taught by locally certified gifted teacher, that has attended at least one AP or LTF Summer Institute for the course.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 7</p> <p>Credit(s): NA</p>
<p>Gr 8 ELAR</p> <p>Sheltered Gr 8 ELAR</p> <p>Sheltered Gr 8 ELAR - NP</p>	<p>0043 A/B</p> <p>0086 A/B</p> <p>0066 A/B</p>
<p>Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, research, listening, speaking, and oral and written language skills.</p>	<p>03200550</p>

<p><u>Instructional Material:</u> 0800 – Pearson's myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)</p> <p><u>Prerequisites:</u> Gr 7 ELAR</p> <p><u>What's Next?</u> English I (or Honors)</p> <p>Students will take STAAR Gr 8 Reading.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 8</p> <p>Credit(s): NA</p>
<p>Gr 8 Enhanced ELAR</p> <p>Sheltered Gr 8 Enhanced ELAR (Humanities)</p>	<p>00043 A/B</p> <p>00086 A/B</p>
<p>This Enhanced course follows the 8th grade ELAR and 8th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions of U.S. history from 1607 to 1877. Emphasis is placed on using primary, secondary, and literary sources that examine the human experience with particular attention to issues of race, class, and gender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces of the time period.</p>	<p>03200550</p>
<p><u>Instructional Material:</u> Contact content director for approved instructional materials.</p> <p><u>Prerequisites:</u> Content Director approval needed; concurrent enrollment in Gr 8 Enhanced Social Studies</p> <p><u>What's Next?</u> English I or II; Honors English I or II</p> <p>Students will take STAAR Gr 8 Reading.</p>	<p>Grade level: 8</p> <p>Credit(s): NA</p>
<p>Gr 8 ELAR Honors</p> <p>Sheltered Gr 8 ELAR Honors</p>	<p>0025 A/B</p> <p>00868 A/B</p>
<p>As required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.</p>	<p>03200550</p>
<p><u>Instructional Material:</u> 0800 – Pearson's myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)</p> <p><i>Additional resources available through required attendance at least 1 AP or LTF summer institute.</i></p> <p><u>Prerequisites:</u> FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. Prior learning to consider in placement: previous Honors course; top 25% - 40% achievement data (using local norms) on any state or national exam of reading and/or writing.</p> <p><u>What's Next?</u> English I Honors</p> <p>Students will take STAAR Gr 8 Reading. Course taught by locally certified gifted teacher that has attended at least one AP or LTF Summer Institute for the course.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 8</p> <p>Credit(s): NA</p>
<p>Honors English I</p> <p>Sheltered Honors English I</p>	<p>3090 A/B</p> <p>3089 A/B</p>
<p>As required by the state, this course goes beyond the TEKS in depth and complexity and is a high school level course of study. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.</p>	<p>03220100</p>
<p><u>Instructional Material:</u> 1019 – Holt McDougal Language of Literature Texas, Grade 9, Holt McDougal, a division of Houghton Mifflin Harcourt Publishing Company, ISBN: 9780547115788</p> <p><u>Prerequisites:</u> FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. Prior learning to consider in placement: previous Honors course; top 25% - 40% achievement data (using local norms) on any state or national exam of reading and/or writing.</p> <p><u>What's Next?</u> English II (or Honors)</p> <p>HIGH SCHOOL CREDIT AVAILABLE</p> <p>Students will take the English I EOC.</p> <p>Course taught by locally certified gifted teacher that has attended at least one AP or LTF Summer Institute for the course.</p> <p>Teachers teaching EL students must be English and ESL certified.</p>	<p>Grade level: 8</p> <p>Credit(s): 1</p>
<p>Spanish Language Arts & Reading</p>	<p>0107 A/B</p>
<p>This course reflects language arts standards that are authentic to the Spanish language and to Spanish literacy. This course will develop in the student's vocabulary and language skills needed to function on a totally biliterate and bilingual level and continue to develop cognitive skills and metacognitive processes already begun in elementary programs. This course provides instruction to develop essential vocabulary and language skills based upon Spanish Language Arts TEKS.</p>	<p>03210520</p>
<p><u>Instructional Material:</u> Contact Content Director</p> <p><u>Prerequisites:</u> Grade 5 in a DLE or Spanish Immersion classroom</p> <p><u>What's Next?</u> N/A</p>	<p>Grade level: 6</p> <p>Credit(s): NA</p>

Reading

6th Grade Sheltered Reading AB	0280 A/B
This course focuses on improved reading comprehension strategies, which emphasizes focused, skill-building instruction. Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, listening, speaking, and oral and written language skills.	02810000
<u>Instructional Material:</u> Goudvis & Harvey's Reading Comprehension Toolkit, classroom, and campus library. For instructional material(s) that are not state adopted, contact Literacy Director	Grade level: 6 Credit(s): NA
<u>Prerequisites:</u> N/A	
<u>What's Next?</u> Sheltered Reading, Grade 7 AB	
Teachers teaching EL students must be ESL certified.	
6th Grade Structured Literacy AB	0298 A/B
6th Grade Sheltered Structured Literacy AB	0299 A/B
Includes targeted intervention strategies. This course focuses on building foundational reading skills to improve reading comprehension. Structured literacy explicitly teaches and emphasizes knowledge of words/word parts, vocabulary, reading fluency, and comprehension.	02810000
NOTE: These courses are <u>not</u> stand-alone literacy courses and are <u>not</u> designed to replace the regular literacy course. Courses can only be used for double blocking purposes.	
<u>Instructional Material:</u> The Comprehension Toolkit: Language and Lessons for Active Literacy. Published by Heinemann, ISBN: 9780325005836. Comprehension Intervention: Small-Group Lessons for the Comprehension Toolkit. Published by Heinemann, ISBN: 9780325031484/ Contact Literacy Director.	Grade level: 6 Credit(s): NA
<u>Prerequisites:</u> Suggested for students who require Tier 2 RTI; or whose placement in the course is based upon results of a standardized reading screening such as the STAAR assessment nearly meets state standards, or who are EL. (LPAC confirmation required.)	
<u>What's Next?</u> N/A	
Teachers teaching EL students must be ESL certified.	
7th Grade Sheltered Reading AB	0283 A/B
This course focuses on reading comprehension strategies, which emphasizes focused, skill building instruction. Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, listening, speaking, and oral and written language skills.	03273440
<u>Instructional Material:</u> For instructional material(s) that are not state adopted, contact Literacy Director.	Grade level: 7 Credit(s): NA
<u>Prerequisites:</u> None	
<u>What's Next?</u> Sheltered Reading, Grade 8 AB	
Teachers teaching EL students must be ESL certified.	
7th Grade Structured Literacy AB	0260 A/B
7th Grade Sheltered Structured Literacy AB	0262 A/B
Includes targeted intervention strategies. This course focuses on building foundational reading skills to improve reading comprehension. Structured literacy explicitly teaches and emphasizes knowledge of words/word parts, vocabulary, reading fluency, and comprehension.	03273420
NOTE: These courses are <u>not</u> stand-alone literacy courses and are <u>not</u> designed to replace the regular literacy course. Courses can only be used for double blocking purposes.	
<u>Instructional Material:</u> The Comprehension Toolkit: Language and Lessons for Active Literacy. Published by Heinemann, ISBN: 9780325005836. Comprehension Intervention: Small-Group Lessons for the Comprehension Toolkit. Published by Heinemann, ISBN: 9780325031484/ Contact Literacy Director.	Grade level: 7 Credit(s): NA
<u>Prerequisites:</u> Suggested for students who require Tier 2 RTI; or whose placement in the course is based upon results of a standardized reading screening such as the STAAR assessment nearly meets state standards, or who are EL. (LPAC confirmation required.)	
<u>What's Next?</u> N/A	
Teachers teaching EL students must be ESL certified.	
8th Grade Sheltered Reading AB	0288 A/B
This course focuses on improved reading comprehension strategies, which emphasizes focused, skill building instruction. Students will engage in activities that build on their prior knowledge and skills in order to strengthen and integrate their reading, writing, listening, speaking, and oral and written language skills.	03273450
<u>Instructional Material:</u> For instructional material(s) that are not state adopted, Contact Literacy Director.	Grade level: 8 Credit(s): NA
<u>Prerequisites:</u> None	
<u>What's Next?</u> English I A/B and Reading Improvement IA/B	
Teachers teaching EL students must be ESL certified.	

6th Grade Reading for Identified Dyslexic Students AB	0295 A/B
7th Grade Reading for Identified Dyslexic Students AB	0296 A/B
8th Grade Reading for Identified Dyslexic Students AB	0297 A/B
This course provides an intense phonetic analysis of written language for students identified with dyslexia. Students will participate in a researched based Literacy Program including explicitly structured, multisensory, sequential and cumulative lessons. These are aligned with components of instruction for students identified with dyslexia as well as the TEKS. The recommended class size is no more than 6 students.	02810000 03273440 03273450
<u>Instructional Material:</u> <i>No state adopted instructional material(s); locally determined instructional material(s) provided for identified dyslexic students by FWISD Dyslexia Services office.</i>	Grade level: 6-8 Credit(s): NA
<u>Prerequisites:</u> Students must be identified with dyslexia through the FWISD Dyslexia Services office, and must be cleared to participate in this class by FWISD Dyslexia Services staff. Due to House Bill 5, careful consideration must be made to prevent pulling students from Career and Technical education courses leading to an endorsement.	
<u>What's Next?</u> N/A	
Recommended to take Reading 6A/B, 7A/B, 8A/B concurrently so class meets 1 period, 5 days each week (Teachers teaching this class must complete Dyslexia training provided by FWISD Dyslexia Services staff.) Teachers teaching EL students must be English and ESL certified.	

Mathematics

Mathematics Recommended Course Sequence and Testing Guide

	Traditional		Advanced		Accelerated	
6th	Gr 6 Math: 0200	STAAR Gr 6	Advanced Gr 6 Math: 0204	STAAR Gr 6	Accelerated Gr 6 Math: 0205	STAAR Gr 8
7th	Gr 7 Math: 0202	STAAR Gr 7	Advanced Gr 7 Math: 0207	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC
8th	Gr 8 Math: 0203	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC	Honors Geometry: 7073	STAAR Gr 8
9th	Algebra I: 7051	Alg I EOC	Honors Geometry: 7073	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT
10th	Geometry: 7071	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT	Honors Precalculus: 7123 or OnRamps Precalculus: 7119	PSAT SAT, ACT TSI
11th	Algebra II: 7053	ACT SAT TSI	Honors Precalculus: 7123 or OnRamps Precalculus: 7119	ACT SAT TSI	AP/DC/OnRamps Math Electives or Ind Study	SAT ACT TSI
12th	4th Math or CTE Equivalent	ACT SAT TSI	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course

Gr 6 Mathematics	0200 A/B
Sheltered Gr 6 Mathematics - NP	0192 A/B
Sheltered Gr 6 Mathematics	0193 A/B
Provides instruction in concepts and skills associated with numbers, operations and computation, problem solving, measurement, geometry, algebra, probability, statistics, and graphing. Instruction focuses on problem-solving strategies, manipulatives, and the appropriate use of technology.	02820000
<u>Instructional Material:</u> 0647 – <i>Texas Mathematics Course 1, Grade 6, McGraw Hill Education, ISBN: 9780021359967</i>	
<u>Prerequisites:</u> Gr 5 Mathematics	Grade level: 6
<u>What's Next?</u> Gr 7 Mathematics	Credit(s): N/A
Students will take STAAR Gr 6 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	
Gr 6 Advanced Mathematics	0204 A/B
Sheltered Gr 6 Advanced Mathematics	0194 A/B
Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes all of the Grade 6 Mathematics objectives/TEKS and many of the Grade 7 Mathematics objectives/TEKS with both relationships between integers, exploring functions of graphs, investigating square and square roots, and writing and calculating simple equations and equalities from problem-solving situations. Instruction focuses on problem-solving strategies, hand-on activities, and using technology.	02820000
<u>Instructional Material:</u> 0647, 0747 – <i>Texas Mathematics Course 1-2, Grade 6-7, McGraw Hill Education, ISBN#9780021359967</i>	
<u>Prerequisites:</u> Gr 5 Mathematics, Grade 5 Mathematics STAAR assessment scores and student interest	Grade level: 6
<u>What's Next?</u> Gr 7 Advanced Mathematics	Credit(s): N/A
Students will take STAAR Gr 6 Mathematics Assessment.	

Gr 6 Accelerated Mathematics	0205 A/B
Sheltered Gr 6 Accelerated Mathematics	02056 A/B
Establishes the foundation for success in the Advanced Placement curriculum: Includes all the Grade 6, 7 and 8 objectives/TEKS, Mathematics objectives with both independent and guided extension in algebraic concepts, ordering rational numbers, and investigating relationships all forms of rational numbers, exploring functions of graphs, investigating irrational numbers, solving equations and inequalities, proportional and non-proportional relationships. Instruction will focus on objectives in the Texas College and Career Readiness Standards (CCRS). Instruction will focus on applying methods to examine and solve real-world problems as preparation for success in Algebra. Instruction focuses on problem-solving strategies, hands-on activities, and using technology. This course is not available at all campuses.	03103100
<u>Instructional Material:</u> 0647, 0747, 0847 – Texas Mathematics Course 1-3, Grade 6-8, McGraw Hill Education, ISBN: 9780021359967	
<u>Prerequisites:</u> Gr 5 Mathematics, Grade 5 Mathematics STAAR Score, student interest, and teacher recommendation	Grade level: 6
<u>What's Next?</u> Honors Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
Gr 7 Mathematics	0202 A/B
Sheltered Gr 7 Mathematics - NP	0195 A/B
Sheltered Gr 7 Mathematics	0197 A/B
Provides instruction in concepts and skills associated with numbers, operations with fractions, rational numbers, exponents, problem solving, measurement, geometry, algebra, probability, statistics, and graphing. Instruction focuses on the use of manipulatives, problem-solving strategies, and technology.	03103000
<u>Instructional Material:</u> 0747 – Texas Mathematics Course 2, Grade 7, McGraw Hill Education, ISBN: 9780021359967	
<u>Prerequisites:</u> Gr 6 Mathematics	Grade level: 7
<u>What's Next?</u> Gr 8 Mathematics	Credit(s): N/A
Students will take STAAR Gr 7 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	
Gr 7 Advanced Mathematics	0207 A/B
Sheltered Gr 7 Advanced Mathematics	01977 A/B
Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes the remainder of the Grade 7 objectives/TEKS not addressed in Grade 6 Honors and all of the Grade 8 objectives/TEKS with both independent and guided extensions in the area of variable expressions, solving equations and inequalities, ration/proportions in problem-solving situations, exploring binomial operations, quadratic equations, fractions, and square roots. Instruction focuses on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra. Problem-solving technology and hands-on activities are emphasized.	03103000
<u>Instructional Material:</u> 0747, 0847 – Texas Mathematics Course 2-3, Grade 7-8, McGraw Hill Education, ISBN: 9780021359967	
<u>Prerequisites:</u> Gr 6 Advanced Mathematics and student interest	Grade level: 7
<u>What's Next?</u> Pre-Algebra or Honors Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
Gr 8 Mathematics	0203 A/B
Sheltered Gr 8 Mathematics - NP	0198 A/B
Sheltered Gr 8 Mathematics	0199 A/B
Provides instruction in concepts and skills associated with numbers, operations with rationales, problem solving, tables, measurement, geometry, probability, statistics, graphing, fractions in expressions and equations, meaning of negative numbers, pattern recognition and proportional reasoning, constructing numerical equations, attacking word problems successfully, variables, equality and inequality, operations on equations and inequalities. The primary goal is to prepare students for success in algebra. Instruction focuses on problem-solving, manipulatives, and the use of technology.	03103100
<u>Instructional Material:</u> 0847 – Texas Mathematics Course 3, Grade 8, McGraw Hill Education, ISBN: 9780021359967	
<u>Prerequisites:</u> Gr 7 Mathematics	Grade level: 8
<u>What's Next?</u> Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	
Gr 8 Pre-Algebra	0219 A/B
Sheltered Gr 8 Pre-Algebra	01998 A/B
Establishes the foundation for success in the high school course sequence. Includes all of the Grade 8 Mathematics objectives/TEKS with both independent and guided extensions in evaluating expressions, solving one-step equations and inequalities, solving multi-step equations and inequalities, study of functions and graphing, study of ratio, proportional reasoning, and percents, study of probability and statistics, study of geometry and measurement, applying algebra to geometric concepts, and study of monomials and polynomials. Instruction focuses on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra. Problem solving, technology, and hands-on activities are emphasized.	03103100
<u>Instructional Material:</u> Spring Board Mathematics Course 3, College Board; ISBN: 9781457301223	
<u>Prerequisites:</u> Gr 7 Mathematics and student interest	Grade level: 8
<u>What's Next?</u> Honors Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	

**Students in the Honors Algebra I courses are required to take the state
End of Course (EOC) assessment for Algebra I.**

Honors Algebra I	7055 A/B
Sheltered Honors Algebra I	7047 A/B
Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes all of the regular Algebra I course with extensions, both independent and guided, in the application of algebraic concepts, the analysis of the historical development of algebra, and the relationship of the major ideas of algebra and geometry. High school credit is available upon the successful completion of both semesters. Grades will not be used in the calculation of high school GPA.	03100500
<u>Instructional Material:</u> <i>Spring Board Algebra I, College Board; ISBN: 9781457300394</i>	
<u>Prerequisites:</u> Gr 6 Accelerated Mathematics, Gr 7 Advanced Mathematics, Pre-Algebra AB or Gr 8 Mathematics or the equivalent (90% or above on a CBE for Mathematics, Grade 8AB), STAAR Scores, student grades, good attendance, and student interest.	Grade level: 7-8 Credit(s): 1
<u>What's Next?</u> Honors Geometry or Geometry	
<i>Course taught by a locally certified gifted teacher or AP trained teacher</i>	
Students will take STAAR Algebra I EOC. HIGH SCHOOL CREDIT AVAILABLE.	
Honors Geometry AB	7073 A/B
Sheltered Honors Geometry AB	7074 A/B
Extends and builds on the foundation for the Advanced Placement program. Includes all of regular geometry course with extensions, both independent and guided, from advanced topics. Instruction focuses on the use of higher levels of understanding, such as relationships of ideas, analysis of investigations, and predictions of results. Geometry is required for graduation.	03100700
<u>Instructional Material:</u> <i>Spring Board Geometry, College Board; ISBN: 9781457300400</i>	
<u>Prerequisites:</u> Algebra I or Honors Algebra I and student interest	Grade level: 8 Credit(s): 1
<u>What's Next?</u> Algebra II or Honors Algebra II	
<i>Course taught by a locally certified gifted teacher or AP trained teacher</i>	
Students will take STAAR Gr 8 Mathematics Assessment. HIGH SCHOOL CREDIT AVAILABLE.	
Gr 6 Enhanced Mathematics AB	0201 A/B
Gr 7 Enhanced Mathematics AB	0206 A/B
Provides additional strategies and support so that students gain a foundation in mathematical thinking and reasoning. The course will strengthen mathematical concepts, relationships, and experiences. Students will use tools (including calculators), techniques, and models to develop their understanding of mathematics and to improve their ability to solve problems. A strong emphasis will be placed on the communication of mathematical ideas and solutions. NOTE: These courses are <u>not</u> stand-alone mathematics courses and are <u>not</u> designed to replace the regular math course. Courses can only be used for double blocking purposes.	84100028
<u>Instructional Material:</u> <i>No State adopted instructional material(s)/Contact Content Director</i>	
<u>Prerequisites:</u> Previous Grade level and concurrent enrollment in Mathematics, Gr 6 or Gr 7	Grade level: 6 or 7 Credit(s): 0
<u>What's Next?</u> N/A (Assignment is made by individual student's STAAR assessment scores.)	
Local Credit Only	
Mathematics Laboratory: Problem Solving Approach	0222 A/B
Provides an opportunity for students with a high interest in mathematics to further mathematical understanding and knowledge through laboratory and discovery activities. Encourages students to have fun with mathematics while exploring such topics as, but not limited to, number sense patterns, modular arithmetic, points of concurrency, perfect numbers, matrix logic, unit analysis, and folding patterns, while using a variety of problem-solving techniques.	84100001
<u>Instructional Material:</u> <i>No State adopted textbook/Contact Content Director</i>	
<u>Prerequisites:</u> None	Grade level: 8 Credit(s): 0
<u>What's Next?</u> N/A	
Local Credit Only (Elective Math Course)	
Texas Pre-Freshman Engineering Program IAB	7421 A/B
Texas Pre-Freshman Engineering Program IIAB	7423 A/B
Available at Texas Wesleyan University as summer enrichment for high ability students, these courses emphasize study and research in mathematics, engineering, and computer science. Preference is given to female students and minority students who have been underrepresented in the field of engineering. This course is for state elective credit only. Credit toward high school graduation will be placed on the AAR upon successful completion of both semesters of the course. Grades will not be calculated into high school GPA.	N1303752 N1303753
<u>Instructional Material:</u> <i>Materials & textbooks to be provided by participating university.</i>	
<u>Prerequisites:</u> Average of 80 or higher in college preparatory Mathematics and teacher recommendation	Grade level: 7-8 Credit(s): 1-2
<u>What's Next?</u> N/A	

Science

Science Recommended Course Sequence and Testing

	Traditional		Advanced		Advanced Placement (AP) /OnRamps/ Dual Credit (DC)	
6 th	Gr 6 Science: 0300	None	Gr 6 Advanced Science: 0313	None	Gr 6 Advanced Science: 0313	None
7 th	Gr 7 Science: 0304	None	Gr 7 Advanced Science: 0303	STAAR Gr 8	Gr 7 Advanced Science: 0303	STAAR Gr 8
8 th	Gr 8 Science: 0305	STAAR Gr 8	Grade 8 Science: 0305 or Honors Biology: 7574 or Honors IPC: 7524	STAAR Gr 8 or Bio EOC or None	Honors Biology: 7574 or Honors Integrated Physics/Chemistry: 7524	Bio EOC or None
9 th	Biology: 7572 or Integrated Physics/Chemistry: 7532	Bio EOC or None	Honors Chemistry: 7594 or Honors Physics: 7616 or Honors Biology: 7574	None or Bio EOC	Honors Biology: 7574 or Honors Chemistry: 7594 or AP Physics: 7625	Bio EOC or None
10 th	Biology: 7572 or Chemistry: 7592 or Physics: 7614	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 or Honors Physics: 7616 or Honors Biology: 7574	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 or AP Physics: 7625 or Honors Biology: 7574	Bio EOC or PSAT Exams vary by course
11 th	Chemistry: 7592 or Physics: 7614	PSAT SAT ACT	AP/DC Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course
12 th	Advanced Science or CTE Equivalent	PSAT SAT ACT	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course

Gr 6 Science

Sheltered Gr 6 Science - NP

Sheltered Gr 6 Science

0300 A/B

0308 A/B

0310 A/B

The grade 6 science course is interdisciplinary with a content focus on safe practices, science process skills, physical, chemical, life, earth, and space science. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.

03060600

Instructional Material: 0620 – Science Fusion, Texas, Grade 6, Houghton Mifflin Harcourt, ISBN: 9780544139084

Prerequisites: Gr 5 Science

Grade level: 6

What's Next? Gr 7 Science or Gr 7 Advanced Science

Credit(s): N/A

All Newcomer Program teachers must be content and ESL certified.

Gr 6 Advanced Science

0313 A/B

Sheltered Gr 6 Advanced Science

0321 A/B

Students taking this advanced course will focus on safe practices, science process skills, physical, chemical, life, earth, and space science in an accelerated fashion. Includes all of the Grade 6 Science objectives/TEKS and many of the Grade 7 Science objectives/TEKS. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.

03060600

Instructional Material: 0620 – Science Fusion, Texas, Grade 6, Houghton Mifflin Harcourt, ISBN: 9780544139084

Prerequisites: Grade 5 Science, an advanced academic performance rating on the Grade 5 STAAR science test, and student interest.

Grade level: 6

What's Next? Gr 7 Advanced Science or Gr 7 Science

Credit(s): N/A

Gr 7 Science	0304 A/B
Sheltered Gr 7 Science - NP	0312 A/B
Sheltered Gr 7 Science	0314 A/B
The grade 7 science course is interdisciplinary with a content focus on topics that include safe practices, science process skills, matter, energy, force, motion, Earth, space, organisms and environments. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.	03060700
<u>Instructional Material:</u> 0720 – <i>Science Fusion, Texas Grade 7, Houghton Mifflin Harcourt, ISBN: 9780544139091</i>	
<u>Prerequisites:</u> Gr 6 Science	Grade level: 7
<u>What's Next?</u> Gr 8 Science	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Gr 7 Advanced Science	0303 A/B
Sheltered Gr 7 Advanced Science	03147 A/B
The 7th Grade Advanced Science Course establishes the foundations for success in the Advanced Placement curriculum. Students taking this accelerated course will focus on safe practices, science process skills, physical, chemical, life, earth, and space science in an accelerated fashion. Includes a review of the Grade 6 Science objectives/TEKS, the remainder of the Grade 7 Science objectives/TEKS not addressed in Grade 6 Advanced and all of the Grade 8 Science objectives/TEKS. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.	03060700
<u>Instructional Material:</u> 0720 – <i>Science Fusion, Texas Grade 7, Houghton Mifflin Harcourt, ISBN: 9780544139091</i>	
<u>Prerequisites:</u> Gr 6 Science, Gr 6 Advanced Science and/or student interest	Grade level: 7
<u>What's Next?</u> Honors Biology or Honors Integrated Physics/Chemistry or Gr 8 Science	Credit(s): N/A
Students will take STAAR Gr 8 Science.	
Gr 8 Science	0305 A/B
Sheltered Gr 8 Science - NP	0320 A/B
Sheltered Gr 8 Science	0322 A/B
The grade 8 science course is interdisciplinary with a content focus on topics that include safe practices, science process skills, matter, energy, force, motion, Earth, space, organisms, and environments. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.	03060800
<u>Instructional Material:</u> 0820 – <i>Science Fusion, Texas, Grade 8, Houghton Mifflin Harcourt, ISBN: 9780544139107</i>	
<u>Prerequisites:</u> Grade 7 Science or Gr 7 Advanced Science	Grade level: 8
<u>What's Next?</u> Students who meet the standard expectations on the 8th grade STAAR should take Biology. Students should consider taking Honors Biology if they receive an advanced academic performance rating.	Credit(s): N/A
Students will take STAAR Gr 8 Science.	
All Newcomer Program teachers must be content and ESL certified.	
Honors Biology	7574 A/B
Sheltered Honors Biology	7576 A/B
Honors Biology prepares students for success in AP biology by exposing them to deeper concepts and skills used in that course. More in-depth concepts in cell structure and cell processes which include transport, energy transformations, protein production and cell reproduction are emphasized. Hierarchy and interdependence of living systems, development of organisms, inheritance, evolution, speciation, taxonomy, and ecology are taught along with the significance of plants and their structure. Independent research is required. Students will conduct laboratory and field investigations for a minimum of 40% of the instructional time.	03010200
<u>Instructional Material:</u> 1712 – <i>Biology by Alton Biggs, McGraw-Hill, ISBN 9780021360031</i>	Grade level: 8
<u>Required Prerequisites:</u> Successful completion of Gr 7 Advanced Science and met standard on Gr 8 Science STARR.	Credit(s): 1
<u>What's Next?</u> Honors Chemistry or AP Physics I	
Students who successfully complete both semesters of the course will receive high school credit. The grade will not be used in the computation of high school GPA.	
Students will take the Biology EOC.	
Honors Integrated Physics/Chemistry	7524AB
Sheltered Honors Integrated Physics/Chemistry	7523AB
In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific inquiry during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.	03060201
<u>Instructional Material:</u> 1746 - <i>Integrated Physics and Chemistry, McGraw-Hill Education (Glencoe/ McGraw-Hill), ISBN 9780021437276</i>	Grade level: 8
<u>Required Prerequisites:</u> Successful completion of Gr 7 Advanced Science and met standard on Gr 8 Science STARR. Successful completion of or concurrently enrolled in Algebra I is recommended.	Credit(s): 1
<u>What's Next?</u> Honors Chemistry, AP Physics I, or Honors Biology	
Students who successfully complete both semesters of the course will receive high school credit. The grade will not be used in the computation of high school GPA.	
Students will take STAAR Gr 8 Science if not previously taken in middle school.	

Botany T	0357 T (6th) or 0356 T (7th-8th)
This course should be taken concurrently with Grades 6-8 science courses. Botany provides a lab-oriented course which utilizes the metric system in the study of plants. Investigations and experiments in the study of basic parts and functions of plants, classification of plants, and independent study projects are vital components of this course. Local credit course.	848800037 (6th) 84800038 (7th - 8th)
<u>Instructional Material:</u> <i>No state adopted instructional materials</i>	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A
<u>What's Next?</u> N/A	
<i>Offered only at Elder and Handley</i>	
Texas Pre-Freshman Engineering Program I	7421 A/B or
Texas Pre-Freshman Engineering Program II	7423 A/B
A summer enrichment for high ability students, these courses emphasize study and research in Mathematics, engineering, and computer science. Preference is given to female students and minority students who have been underrepresented in the field of engineering.	N1303752 or N1303753
<u>Instructional Material:</u> <i>Instructional material(s) to be provided by the participating university</i>	Grade level: 7-8
<u>Prerequisites:</u> Average of 80 or higher in college preparatory Mathematics course	Credit(s): 1 - 2
<u>What's Next?</u> N/A	(Elective)
State elective high school credit is available for this course. Grades earned will not be used in the calculation of high school GPA.	
<i>Available at Texas Wesleyan University and Tarrant County College campuses.</i>	

Social Studies

Social Studies & Economics Recommended Course Sequence and Testing Guide

	Traditional		Honors/Enhanced			Advanced Placement (AP) / Dual Credit (DC)		
6th	Gr 6 Social Studies: 0331	None	Honors Gr 6 Social Studies: 0325	Enhanced Gr 6 Social Studies: 00331	None	Honors Gr 6 Social Studies: 0325	Enhanced Gr 6 Social Studies: 00331	None
7th	Gr 7 Social Studies: 0336	None	Honors Gr 7 Social Studies: 0327	Enhanced Gr 7 Social Studies: 00336	None	Honors Gr 7 Social Studies: 0327	Enhanced Gr 7 Social Studies: 00336	None
8th	Gr 8 Social Studies: 0337	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	Enhanced Gr 8 Social Studies: 00337	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	Enhanced Gr 8 Social Studies: 00337	STAAR Gr 8
9th	World Geography: 8011	None	Honors World Geography: 8009		None	AP Human Geog: 8003 or DC World Geog: 8006		PSAT AP Exam
10th	World History: 8033 or Ethnic Studies: 8041T & 8045T	PSAT	Honors World History: 8035 or Ethnic Studies: 8041T & 8045T		PSAT	AP Modern World Hist: 8037 or DC World Hist: 8034		PSAT SAT AP Exam
11th	US History Since 1877: 8056 SS Electives	PSAT SAT US Hist EOC	Honors US History Since 1877: 8066 AP/DC SS Electives		SAT US Hist EOC	AP US Hist: 8215 or DC US Hist: 8042 or OnRamps US History: 8049 AP/DC SS Electives		SAT US Hist EOC AP Exam
12th	US Gov & Econ: 8076T & 8096T SS Electives	PSAT SAT	US Gov & Econ: 8076T & 8096T AP/DC SS Electives		SAT	AP US Gov & AP Econ: 8135T & 8098T or DC US Gov & DC Econ: 8079T & 8094T AP/DC SS Electives		Exams vary by course

Gr 6 Social Studies

0331 A/B

Sheltered Gr 6 Social Studies - NP

0328 A/B

Sheltered Gr 6 Social Studies

0330 A/B

The emphasis of this course is the study of people and places of the contemporary world. Societies selected for study include: Europe, Russia, and the Eurasian republics, the Americas, Southwest Asia-North Africa, Sub-Saharan Africa, Australia and the Pacific Realm. Students examine and evaluate the influence of individuals and groups on historical and contemporary events. A key focus of this course is an examination of the effects of geography in historical and contemporary events.

02660060

Instructional Material: 0670 – National Geographic: World Cultures and Geography (Texas Grade 6), Cengage Learning, 2014, ISBN: 9781305223967

Prerequisites: None

Grade level: 6

What's Next? Gr 7 Social Studies – Texas History

Credit(s): N/A

All Newcomer Program teachers must be content and ESL certified.

Gr 6 Social Studies Honors

0325 A/B

Sheltered Gr 6 Social Studies Honors

0350 A/B

The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum through increased requirements, including independent study, authentic assessments, the History Fair, and outside-readings. It requires highly motivated students who desire a more in-depth study of history.

02660060

Instructional Material: 0670 – National Geographic: World Cultures and Geography (Texas Grade 6), Cengage Learning, 2014, ISBN: 9781305223967

Prerequisites: Student interest

Grade level: 6

What's Next? Honors Gr 7 Social Studies - Texas History

Credit(s): N/A

Gr 6 Enhanced Social Studies (Humanities)	00331 A/B
Sheltered Gr 6 Enhanced Social Studies (Humanities)	00330 A/B
This course follows the 6th grade ELAR and 6th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions common to world societies. Emphasis is placed using primary, secondary, and literary sources to examine the connectedness and diversity of the human experience through the exploration of the people, places, and ideas that highlight the geographic, religious, political, social, educational, economic, and scientific spheres of world societies.	02660060
<u>Instructional Material:</u> Contact content director for approved instructional materials.	Grade level: 6
<u>Prerequisites:</u> Concurrent enrollment in Gr 6 Enhanced ELAR	Credit(s): N/A
<u>What's Next?</u> Grade 7 Enhanced Social Studies (Humanities)	
Gr 7 Social Studies	0336 A/B
Sheltered Gr 7 Social Studies - NP	0332 A/B
Sheltered Gr 7 Social Studies	0333 A/B
This course is a study of the history of Texas from early times to the present. It focuses on the full scope of Texas history including the cultures of Native Americans living in Texas prior to European exploration and colonization. Major themes of revolution, independence, republic, and statehood are emphasized. The impact of individuals, events, and issues from each of these periods is examined and evaluated.	03343000
<u>Instructional Material:</u> 0770 – Texas History (Texas Grade 7), Houghton Mifflin Harcourt, 2014, ISBN: 9780544549364	
<u>Prerequisites:</u> None	Grade level: 7
<u>What's Next?</u> Gr 8 Social Studies - U. S. Colonization – Reconstruction	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Gr 7 Social Studies Honors	0327 A/B
Sheltered Gr 7 Social Studies Honors	03337 A/B
The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum through increased requirements including independent study, authentic assessments, the History Fair, and outside readings. It requires highly motivated students who desire a more in-depth study of history.	03343000
<u>Instructional Material:</u> 0770 – Texas History (Texas Grade 7), Houghton Mifflin Harcourt, 2014, ISBN: 9780544549364	
<u>Prerequisites:</u> Student interest	Grade level: 7
<u>What's Next?</u> Gr 8 Social Studies Honors - U. S. Colonization - Reconstruction	Credit(s): N/A
Gr 7 Enhanced Social Studies (Humanities)	00336 A/B
Sheltered Gr 7 Enhanced Social Studies (Humanities)	00333 A/B
This course follows the 7th grade ELAR and 7th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions of Texas history from 1519 to present day. Emphasis is placed on using primary, secondary, and literary sources that examine the human experience with particular attention to issues of race, class, and gender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces of the time period.	03343000
<u>Instructional Material:</u> Contact content director for approved instructional materials.	Grade level: 7
<u>Prerequisites:</u> Concurrent enrollment in Gr 7 Enhanced ELAR	Credit(s): N/A
<u>What's Next?</u> Grade 8 Enhanced Social Studies	
Gr 8 Social Studies	0337 A/B
Sheltered Gr 8 Social Studies - NP	0335 A/B
Sheltered Gr 8 Social Studies	0338 A/B
The emphasis of this course is the historical development of the United States from the early colonial period throughout Reconstruction. The course content focuses on the political, economic, and social events and issues related to the origins and development of the United States, its principles, beliefs, and institutions as reflected in the U.S. Constitution and other historical documents.	03343100
<u>Instructional Material:</u> 0875 – United States History (Texas Grade 8), Houghton Mifflin Harcourt, 2014, ISBN: 97805444549005	
<u>Prerequisites:</u> None	Grade level: 8
<u>What's Next?</u> World Geography	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Students will take STAAR Gr 8 Social Studies.	
Gr 8 Social Studies Honors	0329 A/B
Sheltered Gr 8 Social Studies Honors	03388 A/B
The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum through increased requirements including independent study, authentic assessments, the History Fair, and outside readings. It requires highly motivated students who desire a more in-depth study of history.	03343100
<u>Instructional Material:</u> 0875 – United States History (Texas Grade 8), Houghton Mifflin Harcourt, 2014, ISBN: 97805444549005	
<u>Prerequisites:</u> Student interest	Grade level: 8
<u>What's Next?</u> Honors World Geography or AP Human Geography	Credit(s): N/A
Students will take STAAR Gr 8 Social Studies.	

Gr 8 Enhanced Social Studies (Humanities)	00337 A/B
Sheltered Gr 8 Enhanced Social Studies (Humanities)	00338 A/B
This course follows the 8th grade ELAR and 8th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions of U.S. history from 1607 to 1877. Emphasis is placed on using primary, secondary, and literary sources that examine the human experience with particular attention to issues of race, class, and gender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces of the time period.	03343100
<u>Instructional Material:</u> Contact content director for approved instructional materials.	Grade level: 8
<u>Prerequisites:</u> Concurrent enrollment in Gr 8 Enhanced ELAR	Credit(s): N/A
<u>What's Next?</u> World Geography, Honors World Geography or AP Human Geography	
Students will take STAAR Gr 8 Social Studies.	
How to Study	0345 T (6th) or 0342 T (7th-8th)
This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only	82300002 or 84400002
<u>Instructional Material:</u> No state adopted instructional material(s)/Local credit only/Contact director.	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A
Cultural Studies	0355
Provides an opportunity for students to discuss and explore major concepts and issues in multicultural education. The course examines the meaning of culture, and the various ways in which variables such as race, class, and gender influence a society's beliefs, attitudes, and ways of life and investigates ways people identify common ground, respect differences, and appreciate one another's strengths.	84400003
<u>Instructional Material:</u> No state adopted instructional material(s)/Local credit only/Contact director.	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A
Special Topics in Social Studies: Geography Themes and Perspectives AB	8002 A/B
This course provides qualified 8 th grade students with the opportunity to engage in a rigorous and conceptually driven curriculum that will enhance their geo-literacy and prepare them for more advanced studies in geography. AP skills and habits of mind are a focus throughout the course.	03380002 (Part A) 03380022 (Part B)
<u>Instructional Materials:</u> No state adopted instructional material(s)/Local credit only/Contact director.	Grade level: 8
<u>Prerequisites:</u> Accelerated Grade 7 Science and/or Accelerated Grade 7 Math and concurrently enrolled in Grade 8 Honors Social Studies and high school level English, Science, or Math.	Credit(s): 1
<u>What's Next?</u> AP Human Geography in grade 9.	

Fine Arts

One middle school Fine Arts credit is required.

ALL fine arts courses must be taken for the full year to receive credit.

Placement into certain courses require auditions, student portfolios, art show participation, and teacher approval/recommendation.

VISUAL AND PERFORMING ARTS	1st Class Taken	2nd Class Taken	3rd Class Taken
ART			
Middle School Art	0001	0002	0003
Photographic Design*	N/A	0007	0008
Art, Level I (HS)*	N/A	N/A	1010
DANCE	01600	0160	0163
THEATRE	0077	0079	0081

*See below

- Photographic Design **will not** satisfy the Fine Arts requirement for Middle School.
 - It will count as a Local Credit only.
- Art, Level I (HS) is available at Gold Seal Schools and Programs of Choice.

NOTE TO STUDENTS AND PARENTS: All middle school fine arts courses that were previously labeled as “levels 6, 7, or 8” are now re-labeled per the revised Fine Arts Texas Essential Knowledge and Skills (TEKS). All middle school fine arts courses will be labeled as MS 1, MS 2, or MS 3. These are not tied to grade levels. The first time any student, regardless of grade level, takes a fine arts course, it will be MS 1.

Middle School Art 1, 2, 3	0001 A/B, 0002 A/B, or 0003 A/B
Includes opportunities to create and understand art with increasing depth and range of skill, technique, creative expression, historical and cultural relevance, and critical evaluation and response. A variety of art media and materials will be used to produce artwork in drawing, painting, printmaking, sculpture, ceramics, and other art processes.	03154110, 03154210, or 03154310
Instructional Material: <i>eBook A Global Pursuit, Davis Publications; ISBN: 978-1-61528-324-8</i> <i>eBook A Personal Journey, Davis Publications; ISBN: 978-1-161528-322-4</i> <i>eBook A Community Connection, Davis Publications; ISBN: 978-1-61528-323-1</i>	Grade level: 6-8 Credit(s): N/A
Prerequisites: None or previous year course What's Next? Sequential course	
Photographic Design	0007 A/B or 0008 A/B
Students will be challenged to develop group or individual projects such as photography portfolios, campus photo magazines, and photography exhibits in order to further the connection to careers in the photography field. Special equipment is required. (Schools have to supply equipment / materials.)	03154210 or 03154310
Instructional Material: <i>Contact Visual Arts Director</i> Prerequisites: Middle School Art 1 What's Next? Sequential course Local Credit Only; does not satisfy Fine Arts Requirement.	Grade level: 7-8 Credit(s): N/A
Art, Level I (HS)	1010 A/B
This rigorous high school art course covers technique, processes, and media. Includes effective use of art media and tools in design, drawing, painting, printmaking, and sculpture. Art work must demonstrate mastery of Art Elements and Principles of Design. Students must create a portfolio of exceptional artwork (12 pieces). High	03500100

school credit provided upon successful completion of both semesters of this course. The grade is not used in the calculation of high school GPA. Schools must have approval from the Art Director to offer this course.	
<u>Instructional Material:</u> eBook <i>The Visual Experience</i> , Davis Publications; ISBN: 978-1-61528-328-6	Grade level: 8
<u>Prerequisites:</u> Teacher recommendation based on student portfolio and talent	Credit(s): 1
<u>What's Next?</u> Sequential course	
<i>Offered only at J.P. Elder Middle, William Monnig Middle, and Programs of Choice.</i>	
Exploring 2- and 3-Dimensional Art	0009 A/B
This art course provides opportunities to continue developing art skills related to Two- and Three-Dimensional processes and projects while using the Elements of Art and Principles of Design. Traditional and experimental art experiences will be provided to promote critical and creative thinking. Students will participate in a wide range of experiences using advanced media and additive or subtractive sculptural techniques designed to build artistic and creative confidence.	03154310
<u>Instructional Material:</u> Contact Visual Arts Director	Grade level: 6-8
<u>Prerequisites:</u> ART MS1 and MS2 and/or Teacher recommendation	Credit(s): N/A
<u>What's Next?</u> Sequential course	
<i>Offered only at William Monnig Middle School.</i>	
Middle School Dance 1	01600 A/B
Presents a general overview and history of dance, while learning the basic elements of movement for jazz, tap, ballet, modern and world dance. The course is intended for those with little to no previous training. Students will be required to participate in performances and rehearsals throughout the year. Students must complete both semesters (A/B) to receive credit for the course. Students must take and successfully pass Dance 1 prior to enrollment in Dance 2, regardless of grade level.	03154120
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A
<u>What's Next?</u> Dance 2	
<i>Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.</i>	
Middle School Dance 2	0160 A/B
The course will extend the learner's knowledge of the history of dance and technique methods for jazz, tap, ballet, modern and world dance. Students will be required to participate in performances and rehearsals throughout the year. Students must complete both semesters (A/B) to receive credit for the course. Students must take and successfully pass Dance 2 prior to being allowed to enroll in Dance 3, regardless of grade level.	03154220
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> Dance 1	Credit(s): N/A
<u>What's Next?</u> Dance 3	
<i>Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.</i>	
Middle School Dance 3	0163 A/B
The course will continue to extend the learner's knowledge of the history of dance and technique methods for jazz, tap, ballet, modern and world dance. Students will be required to participate in performances and rehearsals throughout the year. Students must complete both semesters (A/B) to receive credit for the course.	03154320
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> Dance 2	Credit(s): N/A
<u>What's Next?</u> Dance I (HS)	
<i>Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.</i>	
Middle School Theatre 1	0077 A/B
Develops concepts about human relationships and the environment, using elements of drama and conventions of theatre. First year students explore elements of drama and conventions of theatre, interpret characters, voice and body expression and the relationship of theatre to history, society, and culture.	03154140
<u>Instructional Material:</u> Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance, Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American Past, Perfection Learning ISBN; Drama Network classroom material and online material	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A
<u>What's Next?</u> Theatre 2	
Middle School Theatre 2	0079 A/B
Develops concepts about human relationships and the environment, using elements of drama and conventions of theatre. Second year students learn basic acting skills, pantomime, improvisation, storytelling, character analysis, body expression and the relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 1 prior to enrolling in Theatre 2, regardless of grade of student.	03154240
<u>Instructional Material:</u> Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance, Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American Past, Perfection Learning ISBN; Drama Network classroom material and online material	Grade level: 6-8
<u>Prerequisites:</u> Successful completion of Middle School Theatre 1	Credit(s): N/A
<u>What's Next?</u> Theatre 3	

Middle School Theatre 3	0081 A/B
Develops concepts about human relationships and the environment, using elements of drama and conventions of theatre. Third year students interpret characters using the voice and body to interpret scenes and study the relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student.	03154340
<u>Instructional Material:</u> <i>Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance, Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American Past, Perfection Learning ISBN; Drama Network classroom material and online material</i> <u>Prerequisites:</u> Successful completion of Middle School Theatre 2 <u>What's Next?</u> Theatre I (HS)	Grade level: 6-8 Credit(s): N/A

INSTRUMENTAL AND CHORAL MUSIC	Beginner Music Level 1	Intermediate Music Level 2	Advanced Music Level 3
INSTRUMENTAL MUSIC			
Band	0223	0226	0228
Orchestra	0252	0189	0244
CHOIR			
Treble	0258	0264	0266
Tenor/Bass	0259	0238	0240
Show Choir	02591	02431	02401

NOTE TO STUDENTS AND PARENTS: All middle school fine arts courses that were previously labeled as “levels 6, 7, or 8” are now re-labeled per the revised Fine Arts Texas Essential Knowledge and Skills (TEKS). All middle school fine arts courses will be labeled as MS 1, MS 2, or MS 3. These are not tied to grade levels. The first time any student, regardless of grade level, takes a fine arts course, it will be MS 1.

Choral classes: scheduled based on vocal pedagogy needs of the changing and unchanged voice.

Show Choir classes: scheduled based on audition only.

Band, Orchestra and Mariachi classes: scheduled based on instrument selection recommendation from campus director.

Middle school students in the 6th Grade will take Music, Level 1 (Band, Orchestra, or Choir). Middle school students in the 7th or 8th grade who are taking the course for the first time should enroll in Music, Level 1 (Band, Orchestra, or Choir). 7th and 8th grade students who have taken Music, Level 1, or who have previous music experience, may audition and be placed in either Music, Level 2 (Intermediate) or Music, Level 3 (Advanced). This placement is by Audition only. Students in 7th and 8th grade may repeat Music, Level 2 and Music, Level 3. All courses are one-year long.

Middle School Choir	See Chart
Beginner Treble or Tenor/Bass Choir provides initial instruction to develop the fundamental vocal methods, techniques, music literacy and theory used in Middle School choral performing ensembles. Students in Intermediate and Advanced choral ensembles, by audition and teacher placement only, provide rigorous instruction in a variety of musical styles, genres, and offers many performance opportunities. Attendance at all performances is required. Show Choir provides training in different styles of repertoire, choreography, and showmanship in preparation for advanced performing show choirs in high school.	03154131, 03154231, or 03154331
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> None for beginner level - Audition determines placement into Intermediate or Advanced.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Fulfills Grade 6 fine arts requirement when taken in Grade 6.	
<i>All class assignments are based on vocal pedagogy needs of the changing and unchanged voice and must be scheduled appropriately for correct pedagogical placement.</i>	
Middle School Band	See Chart
Beginner course provides instruction in the techniques of playing band instruments. Emphasis is placed on tone production, mastering the fundamentals and music reading.	03154130, 03154230, or 03154330
Sub Non-Varsity, Non-Varsity, Varsity courses allow students the chance to develop tone quality and instrumental skills and techniques at the appropriate level.	
Attendance to all rehearsals/performance is required.	
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> Screening for appropriate instrument placement in the spring - Audition determines placement into Intermediate or Advanced.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Fulfills middle school fine arts requirement when taken in Grade 6.	
<i>All classes are scheduled for appropriate like-instrument beginning class placement and performance level.</i>	

Middle School Instrumental Ensemble	0182, 0184, 0248
Sub Non-Varsity, Non-Varsity or Varsity provide students the opportunity to develop and refine technical skills and increase music knowledge with literature selected for performance and listening. Attendance to all rehearsals/performances is required.	03154133, 03154233, or 03154333
<u>Instructional Material:</u> <i>Contact Content Director</i>	Grade level: 6-8
<u>Prerequisites:</u> Screening for appropriate instrument placement in the spring - Audition determines placement into Intermediate or Advanced.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Middle School Mariachi Ensemble	0233 A/B, 0235 A/B, or 0237 A/B
Mariachi Band provides instruction in the techniques of playing the trumpet, violin, vihuela, guitar, and/or guitarron or students to learn and perform the intricate music and rhythm styles of the Latino cultural heritage. Students in this group must demonstrate a high level of commitment and superior citizenship to be successful. Mariachi performances will be given during the semester at concerts, festivals, and concerts. Attendance at all performances is required.	03154133, 03154233, or 03154333
<u>Instructional Material:</u> <i>Contact Content Director</i>	Grade level: 6-8
<u>Prerequisites:</u> Audition determines instrument and placement.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Offered only at JP Elder MS, Meacham MS and Riverside MS.	
Middle School Jazz Ensemble	0267 A/B or 0268 A/B
Qualified band students will focus on musical genre other than mainstream classical and pop music as played in band with a focus on all areas of jazz music including performance technique, history, jazz literature, improvisation and interpretation.	03154235 or 03154335
<u>Instructional Material:</u> <i>Contact Content Director</i>	Grade level: 7-8
<u>Prerequisites:</u> Placement based on successful completion of beginning band program, student's demonstration of proficiency on his/her instrument, student interest, parental approval. Must be enrolled in parent group.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Middle School Orchestra	See Chart
Provides instruction in the technique of playing string instruments. Emphasis is placed on tone production, mastery of fundamentals, and music readings. Intermediate and Advanced levels develop tone quality, instrumental skills and techniques. Attendance at all performances is required.	03154132, 03154232, or 03154332
<u>Instructional Material:</u> <i>Contact Content Director</i>	Grade level: 6-8
<u>Prerequisites:</u> None for beginner level - Audition determines placement into Intermediate or Advanced.	Credit(s): N/A
<u>What's Next?</u> Sequential course	
Fulfills middle school fine arts requirement when taken in Grade 6.	

World Languages

Graduation Requirements for Students under the Foundation Graduation Plan

Required for all students: World Languages - 2 Credits - Any two levels of the same language

Performance acknowledgement in bilingualism and biliteracy.

- Students must demonstrate proficiency in two or more languages through completion of a **minimum of three credits** in the same language of a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100;
- Meeting the admissions requirements of many state and national public and private universities, which include a **minimum of three years** of study of a language other than English.

All students, therefore, are strongly encouraged to study **a minimum of three years** of a language other than English in order to avail themselves of these opportunities. ***Students are encouraged to begin their language study in Grade 6 (Discovering Languages and Cultures) to get the strongest possible foundation, with the option to receive high school credit for successful completion of additional World Language courses in Grade 7 and 8.***

A student who successfully completes a dual language immersion/two-way or dual language immersion/one-way program at an elementary school may satisfy one credit of the two credits required in a language other than English.

To successfully complete a dual language immersion program, a student must:

1. *Have participated in a dual language immersion program for at least five consecutive school years;*
2. *Achieve high levels of academic competence as demonstrated by performance of meets or masters grade level on the STAAR in English or Spanish, as applicable; and*
3. *Achieve proficiency in both English and a language other than English as demonstrated by scores of proficient or higher in reading and speaking domains on language proficiency achievement tests in both languages.*

The second credit of a language other than English must be in the same language as the successfully completed dual language immersion program. TEC §28.0051 and TAC §74.12(b)(5)(F)

Discovering Languages and Cultures	0099 T or 0100 A/B
Develops basic linguistic skills in one or more languages and cultures, including grammatical rules. This course provides instruction based upon the Discovering Languages & Cultures TEKS.	02950000
<u>Instructional Material:</u> None adopted. Contact Content Director	
<u>Prerequisites:</u> None	Grade level: 6
<u>What's Next?</u> Spanish, French, German, Latin, Chinese, Japanese, or a language currently offered in the district	Credit(s): N/A
Offered at most middle schools.	
American Sign Language	0125 A/B (7th) or 0127 A/B (8th)
Provides both receptive and expressive signing, as well as interactive communication.	03983000
<u>Instructional Material:</u> <i>Signing Naturally</i> , ISBN: 9781581212075 & 9781581212181	
<u>Prerequisites:</u> None	Grade level: 7-8
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in the course are not used in the calculation of high school GPA.	Credit(s): 1

Arabic	0145 A/B (7th) or 0147 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>None adopted / Contact Director of World Languages</i> <u>Prerequisites:</u> None One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in the course are not used in the calculation of high school GPA.	High School PEIMS: 03100100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1
Chinese	0115 A/B (7th) or 0117 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>1614 Zhēn Bàng! Level 1, EMC Publishing ISBN: 9781533815200</i> <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> Chinese II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS: 03490100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1
French	0101 A/B (7th) or 0103 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>1603 -Bien Dit! 1A Houghton, Mifflin, Harcourt, ISBN: 9781238682604</i> <i>1604 - Bien Dit!1B, Houghton, Mifflin, Harcourt, ISBN: 9781329682611</i> <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> French II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Offered at most middle schools.	High School PEIMS: 03410100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1
German	0141 A/B (7th) or 0143 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>1670 - Portfolio Deutsch Level I, Klett-USA; ISBN: 9783126000024</i> <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> German II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS: 03420100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1
Italian	0135 A/B (7th) or 0137 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>Chiarissimo 1- Wayside Publishing ISBN: 9781942400370</i> <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> Italian II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS - 03400100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1
Japanese	0121 A/B (7th) or 0123 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> <i>1622 – Genki, Level 1, Cheng & Tsui, Co. Inc., ISBN: 9784789014403</i> <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> Japanese II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS - 03120100 - if student completes all 4 semesters of study Grade level: 7-8 Credit(s): 1

Introductory Latin	0129 A/B
Introduces the reading of Latin, reinforce by listening, speaking, and writing. Awareness of Roman culture and of components of the language.	02436000
This course provides instruction based upon the Discovering Languages & Cultures TEKS.	
<u>Instructional Material:</u> <i>Contact Content Director</i>	
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters).	Grade level: 6-7
<u>What's Next?</u> Latin I	Credit(s): N/A
Offered only at WLI & YMLA	
Latin	0131 A/B (7th) or 0133 A/B (8th)
Introduces the reading of Latin, reinforce by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language.	High School PEIMS - 03433100 - if student completes all 4 semesters of study
<u>Instructional Material:</u> <i>1625 & 1626 - Elevate Level 1, Cambridge University Press, ISBN: 9781316646199</i>	
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters).	
<u>What's Next?</u> Latin II	
One high school credit will be awarded for successful completion of 4 semesters in middle school.	Grade level: 7-8
Grades received in these courses are not used in the calculation of high school GPA.	Credit(s): 1
Portuguese	0105 A/B (7th) or 0106 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	Middle School PEIMS: 0347300 - if student completes 2 semesters of study; High School PEIMS: 03470100 - if student completes 4 semesters of study
<u>Instructional Material:</u> <i>None adopted. Contact Director of World Languages</i>	
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters).	Grade level: 7-8
<u>What's Next?</u> N/A	Credit(s): 1
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	
Spanish Language Enrichment	0104 A/B
This course focuses on language that is authentic to the Spanish experience and vital to the development of Spanish literacy. Studies in this course will develop the student's vocabulary and language skills needed to function on a biliterate and bilingual level and continue to develop cognitive skills and metacognitive processes already begun in elementary programs. This course provides instruction based upon Spanish Level II LOTE TEKS.	03443000
<u>Instructional Material:</u> <i>1646-Texas Auténtico II, Pearson Education, Inc., ISBN: 032890547X</i>	
<u>Prerequisites:</u> Grade 5 in a DLE or Spanish Immersion classroom	Grade level: 6
<u>What's Next?</u> SSSPAN 1AB & 2AB or Spanish 2AB (based on teacher recommendation)	Credit(s): N/A
Spanish	0111 A/B (7th) or 0113 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 st year is a prerequisite for 2 nd year
<u>Instructional Material:</u> <i>0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508</i>	
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters).	Grade level: 7-8
<u>What's Next?</u> Spanish II	Credit(s): 1
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	
Spanish Level 1 & 2 (for Spanish speakers)	4079 A (Spanish 1AB) & 4079 B (Spanish 2AB)
Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher-order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries.	03440110 & 03440220
<u>Instructional Material:</u> <i>1654 — 1st semester- Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2nd semester- Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163560</i>	
<u>Prerequisites:</u> Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence	Grade level: 7-8
<u>What's Next?</u> Spanish for Spanish Speakers 3AB & 4AB	Credit(s): 1 - 2
High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received in these courses are not used in the calculation of high school GPA.	
Spanish Level 3 & 4 (for Spanish Speakers)	4080 A (Span 3AB) & 4080 B (Span 4AB)
Compacts the study of Spanish for 8th grade students who have completed the compacted Spanish 1/2 (for Native Speakers) course in Grade 7. Activities focus on reading and writing and broaden student vocabulary and usage of standard Spanish grammar and structure. Promotes recognition of the role of culture and language components in communications.	03440330 & 03440440

<p><u>Instructional Material:</u> 1655- <i>Primary – Encuentros Maravilloso Gramática, Pearson Education, Inc., ISBN: 9780133693744 and Secondary- Abriendo Paso, Pearson Education, Inc., ISBN: 9780133238006</i></p> <p><u>Prerequisites:</u> Placement exam; Ability to speak & to understand spoken Spanish, SSSPAN IAB and SSSPAN IIAB</p> <p><u>What's Next?</u> AP Spanish Language and Culture IV AB or AP Spanish V</p> <p>High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received in these courses are not used in the calculation of high school GPA.</p>		Grade level: 8 Credit(s): 1 - 2
Honors Spanish Level III	4077 A/B	
Emphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing from context. Includes short passages of literature in the reading practice and some creative writing. Promotes increased knowledge of the Spanish culture and components of the language.	03440300	
<p><u>Instructional Material:</u> 1647 — <i>Texas Auténtico, Level 3, Pearson Education, Inc., ISBN: 9780328905539</i></p> <p><u>Prerequisites:</u> Placement exam or Spanish II, novice-high proficiency in speaking, intermediate-low proficiency to listening, reading, and writing: student interest, taken in sequence</p> <p><u>What's Next?</u> AP Spanish Language and Culture IV AB</p> <p>High school credit will be awarded for successful completion of both semesters of the course. Grades received in this course are not used in the calculation of high school GPA.</p>		Grade level: 7 Credit(s): 1
AP Spanish Language and Culture	4081 A/B	
Opportunity for students to participate fully in connected discourse; to communicate successfully in problematic situations; to explain, narrate, and describe in the present, past, and future time; to analyze and interpret literary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression, and cultural behavior and the use of Spanish for future careers and personal enrichment.	A3440100	
<p><u>Instructional Material:</u> 1648 — <i>Triángulo Aprobado; AP Language and Culture Preparation; Pearson Education, Inc.; and 1652 - ISBN: 9781938026621</i></p> <p><u>Prerequisites:</u> Placement exam or Honors Spanish III taken in sequence</p> <p><u>What's Next?</u> AP Spanish V AB</p> <p>High school credit will be awarded for successful completion of both semesters of the course. Grades received in this course are not used in the calculation of high school GPA.</p> <p>However, beginning with the graduating class of 2025, the District shall also include in the calculation of high school GPA semester grades earned before grade 9 in Advanced Placement (AP) courses.</p> <p>Only offered at Rosemont, William James & WLI.</p>		Grade level: 8 Credit(s): 1
Spanish II AB	4073 A/B	
Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication.	03440200	
<p><u>Instructional Material:</u> 1646 - <i>Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X</i></p> <p><u>Prerequisites:</u> Spanish Language Enrichment; taken in sequence</p> <p><u>What's Next?</u> Honors Spanish III AB</p> <p>Only offered at Stripling MS and McLean MS</p> <p>High school credit will be awarded for successful completion of both semesters of the course. Grades received in this course are not used in the calculation of high school GPA.</p>		Grade level: 8 Credit(s): 1

Career and Technical Education (CTE)

Public Notification of Non-Discrimination in Career and Technical Education Programs

The Fort Worth Independent School District offers Career and Technical Education programs in the following Career Areas:

Agriculture, Food and Natural Resources; Architecture and Construction;
Arts, Audio Video Technology, and Communications (*Arts A/V*);
Business, Marketing, and Finance;
Education and Training;
Energy (*P-Tech Program only*);
Health Science; Hospitality and Tourism; Human Services;
Information Technology;
Law and Public Service;
Manufacturing;
Science, Technology, Engineering and Mathematics (*STEM*);
Transportation, Distribution and Logistics.

Admission to the above programs is based on interest, lottery selection, age appropriateness, and class space availability. It is the policy of the District not to discriminate on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law in its vocational 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.

Fort Worth ISD will take steps to assure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

The Fort Worth Independent School District prohibits discrimination, including harassment, against any employee on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of District policy. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Patricia Sutton, Director of Special Services, 100 N University Dr., Fort Worth, TX 76107, 817.814.2458,

E-mail: Patricia.Sutton@fwisd.org

Or

Kevin Greene, Director of Title IX, 100 N. University Dr., Fort Worth, TX 76107, 817.814.1830,

E-mail: Kevin.Greene@fwisd.org

Or

Dr. Lisa Langston, Director of UIL Compliance, 1501 University Dr, Fort Worth, TX 76107, 817.815.7307,

Email: Lisa.Langston@fwisd.org.

Future Ready Pathway

GRADE LEVEL	CAREER & TECHNICAL EDUCATION COURSE SEQUENCE
6TH GRADE	Computer Literacy T: 0390 T (See Middle School Technology Applications section) AND Computer Enrichment T: 0411 T (See Middle School Technology Applications section)
7TH GRADE	General Employability Skills for CTE AB: CD0677 AB (For high school credit)
8TH GRADE	Professional Communications Middle School T: CD09901 T (For high school Speech credit) AND Touch System Data Entry T: CD11301 T (For high school credit) OR College and Career Readiness T: CD00301 T

General Employability Skills for CTE (GEMPLS AB)	CD0677 A/B
<p>This course is designed to guide students in obtaining the knowledge and the needed skills that are transferable among a variety of college, jobs and careers that are considered essential in any college and employment situation. Students will learn and apply basic knowledge of what is expected in the workplace as well as the pathway on how to obtain the career of their choice. Additionally, students will learn about all the Programs of Study offered at their feeder campuses and across the district. Students will choose the Program of Study of their interest and complete their 6-year progression plan. <i>Upon successful completion of this course, students will receive 1.0 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale.</i></p>	<p>N1270153</p>
<p><u>Instructional Material:</u> Contact Career and Technical Education Department for related materials. <u>Recommended Prerequisites:</u> Computer Literacy and Computer Enrichment <u>What's Next?</u> Professional Communications T and Touch Systems Data Entry T <i>Offered at Middle School campuses.</i></p>	<p>Grade level: 7 Credit(s): 1.0</p>
PLTW Gateway 1 T (Previously PLTW Gateway to Technology GTT1)	CD37562 T
<p>Gateway 1 T – Design & Modeling AND Automation & Robotics <u>Design & Modeling:</u> Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy. <u>Automation & Robotics:</u> Students learn about the history and impact of automation and robotics as they explore mechanical systems, energy transfer, machine automation, and computer control systems. Using the VEX Robotics® platform, students apply what they know to design and program traffic lights, robotic arms, and more. <i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must be PLTW credentialed through summer training to teach the course as well as hold an appropriate high school SBEC certification.</i></p>	<p>N1303756</p>
<p><u>Instructional Material:</u> Project Lead the Way curriculum furnished by CTE Department <u>Prerequisites:</u> None <u>What's Next?</u> N/A <i>Benbrook MS, YMLA, YWLA, Jacquet MS, Leonard MS, Meacham MS, STEM Prep at Meadowbrook MS, WLI MS</i></p>	<p>Grade level: 7-8 Credit(s): 0.5</p>
PLTW Gateway 2 T (Previously PLTW Gateway to Technology GTT2)	CD37572 T
<p>Gateway 2 T – Science of Technology AND Magic of Electrons <u>Science of Technology:</u> Science impacts the technology of yesterday, today, and the future. In this unit, students apply the concepts of physics, chemistry, and nanotechnology to activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials. <u>Magic of Electrons:</u> In this unit, students examine the behavior and parts of atoms as well as the impact of electricity on the world around them. They learn skills in basic circuitry design and use what they know to propose designs such as a burglar alarm for an art museum. <i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript,</i></p>	<p>N1303757</p>

<i>they must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must be PLTW credentialed through summer training to teach the course as well as hold an appropriate high school SBEC certification.</i>	
<u>Instructional Material:</u> Project Lead the Way curriculum furnished by CTE Department	Grade level: 7-8
<u>Prerequisites:</u> None	Credit(s): 0.5
<u>What's Next?</u> N/A	
<i>Benbrook MS, YMLA, YWLA, Jacquet MS, Leonard MS, Meacham MS, STEM Prep at Meadowbrook MS, WLI MS</i>	
PLTW Gateway 3 T (Previously PLTW Gateway to Technology GTT3)	CD37582 T
Gateway3 T - Energy & the Environment AND Flight & Space	N1303758
<u>Energy & the Environment:</u> Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They use what they've learned to design and model alternative energy sources, and also evaluate options for reducing energy consumption.	
<u>Flight & Space:</u> The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil.	
<i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must be PLTW credentialed through summer training to teach the course as well as hold an appropriate high school SBEC certification.</i>	
<u>Instructional Material:</u> Project Lead the Way curriculum furnished by CTE Department	Grade level: 7-8
<u>Prerequisites:</u> None	Credit(s): 0.5
<u>What's Next?</u> N/A	
<i>Benbrook MS, YMLA, YWLA, Jacquet MS, Leonard MS, Meacham MS, STEM Prep at Meadowbrook MS, WLI MS</i>	
PLTW Gateway 4 T (Previously PLTW Gateway to Technology GTT4)	CD37552 T
Gateway 4 T - Green Architecture AND Medical Detectives or App Creators AND Computer Science for Innovators and Makers	N1303759
<u>Green Architecture:</u> In this unit, students learn how to apply green concepts to the fields of architecture and construction. They explore dimensioning, measuring, and architectural sustainability and apply what they have learned to design affordable housing units using Autodesk's® 3D architectural design software.	
<u>Medical Detectives:</u> Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.	
<i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must be PLTW credentialed through summer training to teach the course as well as hold an appropriate high school SBEC certification.</i>	
<u>Instructional Material:</u> Project Lead the Way curriculum furnished by CTE Department	Grade level: 7-8
<u>Prerequisites:</u> None	Credit(s): 0.5
<u>What's Next?</u> N/A	
<i>Benbrook MS, YMLA, YWLA, Jacquet MS, Leonard MS, Meacham MS, STEM Prep at Meadowbrook MS, WLI MS</i>	
Professional Communications Middle School T (PROFCOMM T)	CD09901 T
Professional Communications 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.	13009900
<i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale. Professional Communications can be taught by a teacher with any career and technical education certification covering grades 7-12 but must be credentialed through the CTE Dept.</i>	
<u>Instructional Material:</u> Professional Communications, 2017 Edition, Goodheart-Willcox Co.	Grade level: 8
<u>Recommended Prerequisites:</u> General Employability Skills for CTE	Credit(s): 0.5
<i>Offered at Middle School campuses.</i>	
Touch System Data Entry T (TSDATAE T)	CD11301 T
In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry skills for production of business documents. <i>Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must hold a Business teaching certificate.</i>	13011300
<u>Instructional Material:</u> Century 21 Computer Skills and Applications, Lesson 1-90, 10th Edition Cengage Learning	Grade level: 8
<u>Recommended Prerequisites:</u> General Employability Skills for CTE	Credit(s): 0.5
<i>Offered at Middle School campuses.</i>	

Technology Applications and Other Electives

Computer Literacy T	0390 T
The primary focus of this course is to introduce students to cloud computing and to use computer technology to analyze and evaluate information. Students will use computational thinking to synthesize knowledge, create solutions, and evaluate the results. Students will be introduced to basic keyboarding, Microsoft Office, and coding using appropriate grade-level applications. Presents the basic structure and workings of the Chromebook. <i>Local credit only. Locally developed course.</i>	02670060
<u>Instructional Material:</u> Contact CTE Department for related materials.	Grade level: 6
<u>Prerequisites:</u> None	Credit(s): N/A
Computer Enrichment T	0411 T
Students will learn detailed structure and workings of modern technology and computer hardware, including Chromebooks. Students will use computational thinking to synthesize knowledge, create solutions, and evaluate the results. Intermediate keyboarding, coding, and Microsoft Office will be integrated throughout the course using appropriate grade-level applications. <i>Local credit only. Locally developed course.</i>	02670060
<u>Instructional Material:</u> Contact CTE Department for related materials.	Grade level: 6
<u>Prerequisites:</u> None	Credit(s): N/A
Interdisciplinary Computer Studies T	0413 T
This elective course will use special techniques for teaching the gifted and talented students and ensure all students meet and exceed the Texas Essential Knowledge and Skills for middle school computer use. It integrates many fields of study into the lessons, assuring that the student understands the concept of communication using computers. To help accomplish these objectives, the student will create a portfolio and research project based on a self-selected area of interest. <i>Locally developed course.</i>	03580100 or 03580120
<u>Instructional Material:</u> Contact Content Director	Grade level: 6-8
<u>Prerequisites:</u> Interview process; one semester of Computer Enrichment Laboratory A; student interest	Credit(s): N/A
<i>Only offered at: Wedgewood MS</i>	
Office Assistant	0022 (6th) or 0023 (7th-8th)
Develops skills in office procedures: greeting visitors, telephone skills, taking messages, and filing. <i>Local credit only. Locally developed course</i>	82900001
<u>Instructional Material:</u> No Instructional Material	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A

Health and Physical Education

The Texas Education Code, (TEC) 38.101, requires the District to test the physical fitness of students enrolled in grades 3-12 in any course that satisfies the curriculum requirements for physical education on an annual basis. This includes all courses that qualify as Physical Education substitutions. Additionally, TEC 38.103 requires the District to provide the results of individual student performance on the physical fitness assessment to the Texas Education Agency. The annual fitness assessment requirement is coordinated by the FWISD Department of Health and Physical Education.

Moving to Wellness	0174 A/B
Mandatory year-long course. No course substitution allowed. Each student will participate in learning and practicing the key concepts of lifelong wellness; all the TEKS for 6th grade Physical Education and Health are addressed in the course. Students will, in most instances, participate in the physical part of the class every other week for a total of 225 minutes every two-week period. The physical education component of the class is designed to develop motor skills, knowledge, and behaviors for participating in a variety of lifetime physical activities and health-enhancing physical fitness. Additional physical components include sportsmanship, self-efficacy, emotional intelligence, and learning in three domains: cognitive, psychomotor, and affective. Students will participate in at least 6 components of a health-related fitness assessment at least once a year. The health education component of the class is designed to develop knowledge and skills for adopting healthy behaviors for a lifetime of enhanced wellness. Key health components include Emotional & Mental Health; Nutrition & Physical Activity; Tobacco, Alcohol & Drug Prevention; Violence & Injury Prevention; and Abstinence, Puberty & Personal Health.	02850000
<u>Instructional Material:</u> 0666 – HealthSmart, ETR	Grade level: 6
<u>Prerequisites:</u> None	Credit(s): N/A
<u>What's Next?</u> Physical Education or Competitive Athletics	
Gr 7 or 8 Physical Education	0172 A/B (7th) or 0173 A/B (8th)
These physical education courses are designed to develop motor skills, knowledge, and behaviors for active living, physical fitness, sportsmanship, self-efficacy, and emotional intelligence. Both courses have unique and differentiated content to support the development and enhancement of physical literacy for a lifetime of physical activity participation and improved wellness.	03823000
<u>Instructional Material:</u> No state adopted instructional material(s)/Contact Content Director	Grade level: 7-8
<u>Prerequisites:</u> None	Credit(s): N/A
<u>What's Next?</u> High School Health & Physical Education	
Competitive Athletics, Boys Athletics, Gr 7	0167 A/B
Competitive Athletics, Girls Athletics, Gr 7	0168 A/B
Competitive Athletics, Boys Athletics, Gr 8	0169 A/B
Competitive Athletics, Girls Athletics, Gr 8	0170 A/B
This course is designed to enhance student-athletic sports, skill development, appreciation for sportsmanship, knowledge of the sport, understanding and value of rules of play, and physical fitness. All three aspects of competitive athletic development are addressed: physical, mental, and social. Student should possess a desire to participate in competitive athletics, which involves outside-of-school-day participation in practices and games for in-season sport.	03823000
<u>Instructional Material:</u> No state adopted instructional material(s)/Contact content Director.	Grade level: 7-8
<u>Prerequisites:</u> Student is willing to make a commitment to participate in two or more sports after school. Student is also required to complete the UIL Pre-Participation Physical Evaluation-Physical Examination/Medical History forms before participation in any practice before, during, or after school. Fort Worth ISD requires the completion of seven (7) Fort Worth ISD/UIL Pre-Participation forms before participating in athletic class. Forms must be complete before the tenth day of the new school year. May substitute for PE credit.	Credit(s): N/A

The following chart indicates course names and numbers of all seventh and eighth grade competitive athletics.

Seventh Grade Athletics		Eighth Grade Athletics	
Course Number	Course Name	Course Number	Course Name
FB72	Football 7AB	FB82	Football 8AB
VB72	Volleyball 7AB	VB82	Volleyball 8AB
BSC72	Boys Soccer 7AB	BSC82	Boys Soccer 8AB
GSC72	Girls Soccer 7AB	GSC82	Girls Soccer 8AB

BBK72	Boys Basketball 7AB		BBK82	Boys Basketball 8AB
GBK72	Girls Basketball 7AB		GBK82	Girls Basketball 8AB
BTK72	Boys Track 7AB		BTK82	Boys Track 8AB
GTK72	Girls Track 7AB		GTK82	Girls Track 8AB

District-approved off-campus activities may also substitute for required physical education if specific criteria are met, per Policy ELF (Legal and Local).

The Fort Worth ISD Physical Education Waiver Program provides an opportunity for students in grades 7-12 to receive credit for participation in an off-campus athletic/training program. FWISD is authorized by the Texas Education Agency (TEA) to substitute participation in private or commercially sponsored programs for the FWISD middle school physical education requirement (7th & 8th grades) and the state-required high school physical education graduation credit. The FWISD Health and Physical Education Department must ensure the program, agency, and instructor meet the waiver criteria in order to approve all requests through the application process.

All inquiries and applications are to be directed to the Director of the FWISD Health and Physical Education Department. Applications are due prior to Labor Day for the fall semester and by January 15 for the spring semester. A FWISD enrollment fee of \$100.00 will be assessed per semester unless a single payment of \$150.00 for both semesters is made at the beginning of the year. Fees are subject to change.

Junior Cadet Corps

Junior Cadet Corps I, II, III

**0164 A/B(6th),
0166 A/B (7th), or
0176 A/B (8th)**

The Junior Cadet Corps (JCC) curriculum is created on the foundation and success of our nations Junior Reserved Officer's Training Corp, which fully or partially addresses a number of national academic standards. The JCC Curriculum includes course work on Leadership, Civic Service, Global Awareness, Health, and Wellness, Language Arts, STEM Robotics, Life Skills, Team Building and a keen focus on the Social, Political, Economic and Intellectual aspects of community. The curriculum is based on the principles of performance-based, learner-centered education and promotes development of core abilities: capacity for life-long learning, communication, responsibility for actions and choices, good citizenship, respectful treatment of others, and critical thinking techniques.

85000XXX (6th) or
03823000 (7th-8th)

Instructional Material: *Student Text, Revised JCC handbook dated August 2016; VNEP Global Map, selected VNEP lessons, and revised JCC Instructor Workbook/ Contact JCC Coordinator*

Grade level: 6-8
Credit(s): N/A

Prerequisites: None for Grade 6, for grades 7 & 8, the student must have completed the first semester prior to enrolling in the second semester

What's Next? Next Cadet Level

Local credit only for the 6th grade class. The 7th and 8th grade courses meet the TEKS for PE for grades 7 and 8, respectively, and can substitute for PE in those grades.

Fort Worth Independent School District**School Directory - *Updated December 1, 2021*****Dr. Kent Scribner, Superintendent****100 N. University Dr., Fort Worth, Texas 76107-1360****Phone: 817-814-2000**

Grades Served	Secondary Schools	No.#	Phone	Address		Zip	Principal	
6-8	Applied Learning Academy	055	815-5500	3908	McCart Ave	76110	Alice	Buckley
9-12	Arlington Heights	002	815-1000	4501	W. Freeway	76107	Sarah	Weeks
6-11	Benbrook Middle/High	071	815-7100	201	Overcrest Dr.	76126	Richard	Penland
9-12	Carter-Riverside, Amon	001	814-9000	3301	Yucca	76111	Victor	Alfaro
K-8	Como Montessori	063	815-7200	4001	Littlepage	76107	Daniel	McAlister
K-8	Daggett Montessori	194	814-6300	801	W. Jessamine	76110	Victorius	Eugenio
6-8	Daggett, E.M.	042	814-5200	1108	Carlock	76110	Tracy	Smith
9-12	Diamond Hill-Jarvis	004	815-0000	1411	Maydell	76106	James	Garcia
9-12	Dunbar, Paul Laurence	005	815-3000	5700	Ramey	76112	Justin	Edwards
9-12	Eastern Hills	006	815-4000	5701	Shelton	76112	Katrina	Smith
6-8	Elder, J.P.	044	814-4100	709	N.W. 21st	76164	David	Trimble
7-8	Forest Oak LA	045	815-8200	3221	Pecos	76119	Seretha	Lofton
6	Forest Oak 6th Grade LA	064	815-8400	4801	Eastline	76119	Seretha	Lofton
9-12	I.M. Terrell Academy for STEM & VPA	087	815-2100	1411	I.M. Terrell Circle	76102	Baldwin	Brown
6-9	International Newcomer Academy	062	815-5600	3813	Valentine	76107	Angelia	Ross
6-8	Jacquet, J.M. LA	059	815-3500	2501	Stalcup Rd.	76119	Lakeisha	Sasser
6-8	James, William	048	814-0200	1101	Nashville	76105	Melissa	Rincon
6-8	Kirkpatrick, M.L	049	814-4200	3201	Refugio	76106	Jeffrey	Bartolotta
6-8	Leonard	061	815-6200	8900	Chapin Rd	76116	Sara	Gillaspie
9-12	Marine Creek Collegiate	085	515-7784	4801	Marine Creek Pkwy	76179	Thomas	Fraire
6-8	McClung, Jean	070	815-5300	3000	Forest Ave	76112	Tremayna	Thomas
6	McLean 6th Grade Center	069	814-5700	3201	South Hills	76109	Karen	Brown
6-8	McLean, W.P.	050	814-5300	3816	Stadium	76109	Barbara	Ozuna
6-8	Meacham, W.A.	051	815-0200	3600	Weber	76106	Carlos	Mendoza
6-8	Meadowbrook	052	815-4300	2001	Ederville	76103	Kristin	Foreman
9-12	Metro Opportunity (HS)	019	814-6700	2801	Patino Rd	76107	Aundra	Bohanon
6-8	Middle Level Learning Center	018	814-6800	2801	Patino Rd	76107	Aundra	Bohanon
6-8	Monnig, William	053	815-1200	3136	Bigham	76116	Kellye	Kirkpatrick
6-8	Morningside	054	815-8300	2751	Mississippi	76104	Monica	Garrett
9-12	North Side	008	814-4000	2211	McKinley	76164	Antonio	Martinez
9-12	Paschal, R.L.	010	814-5000	3001	Forest Park	76110	Troy	Langston
9-12	Polytechnic	009	814-0000	1300	Conner	76105	Nick	Torrez
6-8	Riverside	056	814-9200	1600	Bolton	76111	Ryan	Catala
7-8	Rosemont	057	814-7200	1501	W. Seminary	76115	Xavier	Sanchez
9-12	South Hills	003	814-7000	6101	McCart	76133	Rodrigo	Durbin
9-12	Southwest	014	814-8000	4100	Altamesa	76133	John	Engel
6-8	Stripling, W.C.	058	815-1300	2100	Clover Lane	76107	Amy	Chritian
9-12	Success	021	815-2700	4100	Altamesa	76133	Ingrid	Williams
9-10	TCC South-FWISD Collegiate	086	515-4402	5301	Campus Dr	76119	Quanda	Collins
9-12	Trimble Technical, Green B.	011	815-2500	1003	W. Cannon	76104	Omar	Ramos
9-12	TX Academy of Biomedical Sciences	082	515-1660	300	Trinity Campus Dr	76102	Jack	Henson
7-8	Wedgwood	060	814-8200	3909	Wilkie Way	76133	Robert	Burrell
6	Wedgwood 6th Grade Center	043	814-8300	4212	Belden	76132	Cheryl	Johnson
9-12	Western Hills	015	815-6000	3600	Boston, Benbrook	76116	Keri	Flores
6-12	World Languages Institute	084	815-2200	4921	Benbrook Hwy	76116	Marie-Lise	Mosbeaux
9-12	Wyatt, O.D.	016	815-8000	2400	E. Seminary	76119	Howard	Robinson
6-12	Young Men's Leadership Academy	083	815-3400	5100	Willie	76105	Rodney	White
6-12	Young Women's Leadership Academy	081	815-2400	401	E. 8th St	76102	Tamara	Albury

MIDDLE SCHOOL COURSE CATALOG

Quick Page Reference

General Information

8 Middle School Requirements

10 Graduation Plans

Course Descriptions

14 POC and Prep Courses

15 English Language Arts

18 Reading

20 Mathematics

23 Science

26 Social Studies

29 Fine Arts

34 World Languages

38 Career & Technical Education

41 Technology Applications & Other Electives

42 Health & Physical Education

44 JROTC