

COURSE DESCRIPTION GUIDE

MIDDLE SCHOOL

GRADES 6–8

MESQUITE INDEPENDENT SCHOOL DISTRICT

2018-2019



Middle School
Course Description Guide

2018-2019

Grades 6 through 8



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FOREWORD

FutureQuest began in elementary, but planning for life after high school becomes even more focused in middle school. It is hoped that this booklet will prove to be helpful to parents and students alike in making the transition to middle school and on to high school. Units of credit become most important in the ninth grade and above. Units of credit earned in high school are cumulative, and it is on that basis that high school graduation requirements are fulfilled. The sixth, seventh and eighth grade student, however, is simply more concerned with successful completion of the courses as required in middle school. Those requirements will be noted in the following pages.

The booklet is divided into five sections: the first section describes the sixth grade courses, second section describes the seventh grade courses, third section describes eighth grade courses, fourth section describes special education courses and the fifth section provides general information about the state assessment requirements.

Should more detailed explanation or clarification be needed for any section, counselors, assistant principals, or principals should be contacted. Students are encouraged to study this booklet along with the Student Handbook as they plan their middle school experience. If the State Board of Education and/or the Texas Education Agency make changes to the requirements after the date of this publication, they will be posted on the Mesquite ISD website at www.mesquiteisd.org. Please check the MISD website for updates and corrections.

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Middle School Promotion Policy

To be promoted from one grade level to the next, students in grades six, seven and eight must attain a 70 average or above in each of the following classes: English, reading, mathematics, science, and social studies. In addition, students must attain an overall average of 70 or above on all courses taken for the year.

Students failing to meet these requirements will be required to attend and satisfactorily complete an extended year program. Students may replace a failing grade with a passing grade for a maximum of two courses. However, the principal has discretion on placement decisions when extenuating circumstances exist.

The Student Success Initiative promotion requirements will include the use of the state assessment results. Promotion decisions will be based on state law and district policy.

No special or formal exercises will mark the promotion from middle school to high school.

WHAT IS IN YOUR FUTURE?

It is never too early to begin setting goals toward a specific college or career plan. Many sixth, seventh and eighth grade students already have given at least some thought to their future educational plans. The school administration believes that all students should give careful attention to planning ahead for their career preferences. Most career choices require college. The college-bound students - even those in middle school - need to know something about what colleges will require. College websites are a great source of information regarding entrance requirements.

CAREER AND TECHNICAL EDUCATION

In association with the CTE State Plan, Mesquite ISD recognizes that there is an immediate need to strengthen not only the current workforce, but also the workforce of tomorrow. Academic concepts must be reinforced and applied through high quality, rigorous technical education. Students are encouraged to seek postsecondary educational opportunities. MISD CTE programs seek to close the gaps by preparing students for postsecondary education and the workforce.

Achieve Texas Career Clusters

Achieve Texas is a state initiative to implement the U. S. Department of Education's 16 career clusters. Career pathways within each cluster will help students plan their educational experience by combining rigorous academics and relevant career education. MISD offers classes in 14 of the 16 clusters listed below.



SIXTH GRADE COURSES 2018-2019

Required Courses	Units
English Language Arts	1
Reading	1
Mathematics	1
Science	1
Social Studies - World Cultures and Geography	1
Physical Education	1

***Four semesters of physical education are required in grades 6-8.
Pre-Athletics will substitute.**

Electives	Units
(Elective choices may vary from campus to campus)	
Pre-Athletics	1
Choral Music	1
Orchestra	1
Band	1
Art	1
Theatre	1
STAAR Prep	1

Gifted and Talented Courses (GT Program)	Units
Students may be selected for one or more of the GT courses based upon state approved criteria for identified students.	
English Language Arts GT	1
Mathematics GT	1
Science GT	1
Social Studies-World Cultures and Geography GT	1

Pre-Advanced Placement (Pre-AP)	
English Language Arts Pre-AP	1
Mathematics Pre-AP	1
Science Pre-AP	1
Social Studies-World Cultures and Geography Pre-AP	1

CORE COURSES*Language Arts***ENGLISH LANGUAGE ARTS****Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH LANGUAGE ARTS GIFTED/TALENTED**Grade Level:****6****Prerequisite:****Admission to the Gifted Program****Course Length:****Full year**

The Gifted and Talented English course enhances the sixth grade language arts curriculum to include an increased academic challenge. The course emphasizes the development of students' critical and creative thinking skills, of advanced oral and written communication skills, and literary interpretative skills. Prerequisites include academic performance and standardized evaluations.

ENGLISH LANGUAGE PRE-ADVANCED PLACEMENT**Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This course provides an advanced curriculum for highly motivated students. Students are provided the opportunity to enhance their study of languages and composition skills using the writing process to complete a variety of written compositions. Students read and analyze from multiple genres extensively (in class and out of class).

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

*English as a
Second Language***ENGLISH LANGUAGE ARTS: ENGLISH AS A SECOND LANGUAGE (ESL)****Grade Level:****6****Prerequisite:****LPAC recommendation****Course Length:****Full year**

This course is a cumulative and sequential program for students whose primary language is a language other than English and have been identified as English learners. The course will emphasize skills in reading, writing, speaking, and listening in order to accelerate proficiency in English. Students will engage in activities to build on their prior knowledge and skills to strengthen strands of reading, writing, listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts from a variety of cultural, historical, and contemporary contexts. Students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail. Parent permission is required.

*Reading***READING****Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This reading course is designed to engage students in activities that strengthen the reading skills and strategies needed to comprehend, interpret, and evaluate informational and literary selections. This course will focus on state assessment skills: word recognition, vocabulary development, and comprehension strategies. Significant blocks of time are provided for reading and responding to both independent and instructional-level material for varied purposes.

READING: ENGLISH AS A SECOND LANGUAGE (READING ESL)**Grade Level:****6****Prerequisite:****LPAC recommendation****Course Length:****Full year**

This course is for students whose primary language is a language other than English and have been identified as English learners. This reading course is an intervention course to improve reading fluency and comprehension skills. Students are required to participate in

this class on the basis of their state assessment reading scores and LPAC recommendation. The course will focus on word study, vocabulary development, comprehension, and critical reading strategies. Parent permission is required.

MATHEMATICS

Grade Level: 6
Prerequisite: None
Course Length: Full year

Sixth grade math involves number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

Mathematics

MATHEMATICS GIFTED/TALENTED

Grade Level: 6
Prerequisite: Admission to the Gifted Program
Course Length: Full year

The sixth grade gifted and talented mathematics course provides an enriched and more challenging academic curriculum for students with exceptional mathematical abilities. The course emphasizes the development of students' logical, creative, and independent thinking and problem solving skills. Topics include number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

Student must meet qualifications as gifted and talented in math in order to participate in this course.

MATHEMATICS PRE-ADVANCED PLACEMENT

Grade Level: 6
Prerequisite: None
Course Length: Full year

Pre-Advanced Placement Mathematics is for students who are highly motivated and interested in math. The pacing and level of instruction will be advanced in order for students to develop logical, creative, and independent thinking and problem solving skills. Topics include number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

SCIENCE

Grade Level: 6
Prerequisite: None
Course Length: Full year

Sixth grade science focuses on providing students foundational instruction in life and physical science topics that will prepare them for future science courses. Students will learn about cells and differentiate between prokaryotes and eukaryotes. Organisms will be classified into different kingdoms using basic characteristics, and the levels of organization within ecosystems will be identified. Students will increase their knowledge about elements, compounds, and the Periodic Table of the Elements. Physical properties of materials, including a focus on density, will be covered. This will lead to differentiating between physical and chemical changes. Forces, including Newton's laws, velocity and acceleration will be studied and explored. Students will also extend their understanding of energy conversions. The layers of the Earth, along with an introduction to plate tectonics, will be explored. Students will also investigate various components of the universe and methods of space exploration.

Science

SCIENCE GIFTED/TALENTED

Grade Level: 6
Prerequisite: Admission to the Gifted Program
Course Length: Full year

Gifted and Talented Science covers the same information as Sixth Grade Science in the same sequence. Instruction will be differentiated to meet the unique needs of academically talented students including the substitution of long-term projects and open-ended assignments. Students will be encouraged to take ownership of their own learning by investigating self-selected topics in more depth and complexity.

Prerequisites include academic performance and standardized evaluations.

SCIENCE PRE-ADVANCED PLACEMENT**Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

Pre-Advanced Placement Science is for students who are highly motivated and interested in science. The class is an accelerated academic class that covers the same objectives as sixth grade science in more depth and complexity. Students will be expected to complete more self-directed and independent projects than in a regular sixth grade science class.

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

SOCIAL STUDIES - WORLD CULTURES AND GEOGRAPHY**Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

The World Cultures and Geography course provides opportunities for students to study people, places, and societies of the contemporary world. Students will gain a deeper understanding of the many regions around the world and compare institutions common to all societies such as government, education, and religious institutions. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. The course design also helps students explain how the level of technology affects the development of various societies and identify different points of view about events.

*Social Studies***SOCIAL STUDIES - WORLD CULTURES AND GEOGRAPHY GIFTED/TALENTED****Grade Level:****6****Prerequisite:****Admission to the Gifted Program****Course Length:****Full year**

The Gifted and Talented World Cultures and Geography course expands from the standard sixth grade social studies program by providing students increased intellectual enrichment opportunities and new challenges. While content for the course remains similar to the standard curriculum, the GT class enhances learning by providing

- instructional and organizational patterns that enable identified students to work together as a group, to work with other students, and to work independently;
- a continuum of learning experiences that lead to the development of advanced level products and performances;
- in-school and, when possible, out-of-school options relevant to the student's area of strength that are available during the entire school year; and
- opportunities to accelerate in areas of strength.

Students will analyze current events and historical content to understand the development of the various cultures of the major regions of the world. The course of study equips students with the skills to identify different points of view about world events, understand the concepts of government systems, and compare the institutions common to all societies. Students will be expected to participate in National History Day.

SOCIAL STUDIES - WORLD CULTURES AND GEOGRAPHY PRE-ADVANCED PLACEMENT**Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

Pre-Advanced placement classes are for students who are highly motivated and interested in social studies. Students will engage in active, high-level learning to develop skills and concepts needed to succeed at more rigorous academic levels of study in World Cultures and Geography. Learning will also be more in-depth than is generally offered in the general World Cultures and Geography course. The basic content is the same as that of the regular course, but this course provides the student with the opportunity to pursue topics in more detail. The student will research and develop products that encourage deeper understanding of history and geography. Students will be expected to participate in National History Day.

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

*Physical Education***PHYSICAL EDUCATION****Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

Four semesters of physical education are required for all students in grades 6-8 unless substituted by participation in a school athletic (or pre-athletics for 6th grade) program.* Students must fulfill two semesters of their physical education requirement in sixth grade and may fulfill the remaining two semesters of their physical education requirement in either the seventh or eighth grade year. Students are expected to suit-out in appropriate attire and actively participate in movement activities to successfully fulfill course requirements. Emphasis is on:

- acquiring knowledge and skills for movement that provide the foundation for enjoyment and continued social development through physical activity
- understanding the relationship between physical activity and health throughout the lifespan
- application of similar concepts from one sport or movement setting to another
- identification of key elements in performance that lead to movement success
- knowledge of safety practices involved in active participation of movement activities and management of their own behavior
- acquiring the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate.

*Electives***PRE-ATHLETICS****Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This course is designed as a prep course for students who plan on participating in athletics in the seventh grade. Skill development is the primary focus. Terminology and systems of play relative to that middle school/high school feeder pattern will also be introduced. Boys 6th grade pre-athletics will focus on football, basketball, and physical skill development. Girls 6th grade pre-athletics will focus on volleyball, basketball, and physical skill development. Additional practice outside of the school day is not required.

CHORAL MUSIC***BEGINNING TREBLE CHOIR****Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This course provides a choral experience for the young female vocal student who is in her first year of middle school. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

BEGINNING TENOR/BASS CHOIR**Grade Level:****6****Prerequisite:****None****Course Length:****Full year**

This course provides a choral experience for the young male vocal student who is in his first year of middle school. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

ORCHESTRA***BEGINNING ORCHESTRA****Grade Level:****6****Prerequisite:****Director Interview****Course Length:****Full year**

This is a class for the student who is a beginner on an orchestral string instrument. Proper instrument care, correct playing techniques, finger positions, tone production, counting, basic musical terms, and notation are stressed. String instruments include: violin, viola, cello, and double bass. Placement on individual instruments will be determined by teacher recommendation based on consultation with students and parents. Classes will be assigned by like instruments.

BAND***BEGINNING BAND (Beginning Brass, Beginning Woodwind, or Beginning Percussion)**

Grade Level: 6
Prerequisite: Director Interview
Course Length: Full year

This is a class for the student who is a beginner on an a band instrument. Proper instrument care, correct playing techniques, fingerings, tone production, counting, basic musical terms, and notations are stressed. Wind Instruments include: flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba. Percussion instruments include snare drum, timpani, and keyboard instruments. Students will be placed on individual instruments based upon consultations with the band director. Classes will be assigned by like instruments. Additional audition procedures may be necessary to determine instrument placement.

ART***BEGINNING ART**

Grade Level: 6
Prerequisite: None
Course Length: Full year

This program consists of an introduction to design, drawing, sculpture, painting, art history, printing, and art forms. The course includes an orientation in the use of a variety of media and the basic skills essential in the use of each.

THEATRE***BEGINNING THEATRE**

Grade Level: 6
Prerequisite: None
Course Length: Full year

This course is designed to introduce students to theatre by teaching expression through theatre performance. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Topics include theatre heritage and traditions, interpreting, character development using the voice and body expressively, technical elements of theatre, theatre design, and directing and production concepts and skills, all designed to instill an appreciation of live theatre.

**Additional supplies will need to be purchased.*

STAAR PREP

Grade Level: 6
Prerequisite: None
Course length: Full year

This course may be required for students not mastering state assessment in fifth grade. Skills reinforced in this course will provide the student with activities which will demonstrate the practical aspects of math, reading, composition, and grammar skills. Since there will be a focus on remediation of writing, reading, and math skills targeted to state assessment, instruction will be individualized to eliminate specific areas of deficiency.

SIXTH GRADE PRACTICE SCHEDULE

COURSES

- 1 English Language Arts or English Language Arts GT or English Language Arts Pre-AP or English Language Arts ESL
- 2 Reading or Reading ESL
- 3 Mathematics or Mathematics GT or Math Pre-AP
- 4 Science or Science GT or Science Pre-AP
- 5 Social Studies-World Cultures and Geography or Social Studies-World Cultures and Geography GT or Social Studies-World Cultures and Geography Pre-AP
- 6 Physical Education (Pre-Athletics will substitute.)
- 7 _____ (Elective Course)

Students will take one elective course.

Notes

**SEVENTH GRADE COURSES
2018-2019**

Required Courses **Units**

English Language Arts	1
**Reading.....	1
Mathematics.....	1
Science.....	1
Social Studies-Texas History and Geography	1
*Physical Education.....	1

- *Four semesters of physical education are required in grades 6-8.
Athletics will substitute.**
- **Students in GT English will be exempt from a Reading course.
Other students meeting specific requirements may be exempt.**

Electives **Units**

(Elective choices may vary from campus to campus)

Creative Writing.....	1
Speech	1
Creative Problem Solving	1
Choral Music.....	1
Orchestra	1
Band	1
Art 1.....	1
Theatre 1	1
Introduction to Principles of Applied Engineering.....	1
Athletics	1
AVID 7.....	1
STAAR Prep.....	1

Gifted and Talented Courses (GT Program) **Units**

Students may be selected for one or more of the GT courses based upon state approved criteria for identified students.

English Language Arts GT.....	1
Mathematics GT	1
Science GT	1
Social Studies-Texas History and Geography GT	1

Pre-Advanced Placement (Pre-AP)

English Language Arts Pre-AP	1
Mathematics Pre-AP.....	1
Science Pre-AP.....	1
Social Studies-Texas History and Geography Pre-AP.....	1

Language Arts

CORE COURSES

ENGLISH LANGUAGE ARTS

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH LANGUAGE ARTS GIFTED/TALENTED

Grade Level: 7
Prerequisite: None
Course Length: Full year

The Gifted and Talented English course enhances the seventh grade language arts curriculum to include an increased academic challenge. The course emphasizes the development of students' critical and creative thinking skills, of advanced oral and writing communication skills, and literary interpretative skills.

ENGLISH LANGUAGE PRE-ADVANCED PLACEMENT

Grade Level: 7
Prerequisite: NONE
Course Length: Full year

This course provides an advanced curriculum for highly motivated students. Students are provided the opportunity to enhance their study of languages and composition skills using the writing process to complete a variety of written compositions. Students read and analyze from multiple genres extensively (in class and out of class).

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

English as a
Second Language

ENGLISH LANGUAGE ARTS: ENGLISH AS A SECOND LANGUAGE (ESL)

Grade Level: 7
Prerequisite: LPAC recommendation
Course Length: Full year

This course is a cumulative and sequential program for students whose primary language is a language other than English and have been identified as English learners. The course will emphasize skills in reading, writing, speaking and listening in order to accelerate proficiency in English. Students will engage in activities to build on their prior knowledge and skills to strengthen strands of reading, writing, listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts from a variety of cultural, historical, and contemporary contexts. Students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail. Parent permission is required.

Reading

READING

Grade Level: 7
Prerequisite: None
Course Length: Full year

This reading course is designed to engage students in activities that strengthen the reading skills and strategies needed to comprehend, interpret, and evaluate informational, as well as literary, selections. This course will focus on state assessment skills: word recognition, vocabulary development, and comprehension strategies. Significant blocks of time are provided for reading and responding to both independent and instructional-level material for varied purposes. Students in GT English will be exempt from Reading requirement. Other students meeting specific requirements may be exempt.

READING: ENGLISH AS A SECOND LANGUAGE (READING ESL)

Grade Level: 7
Prerequisite: LPAC recommendation
Course Length: Full Year

This course is for students whose primary language is a language other than English and have identified as English learners. This reading course is an intervention course to improve reading fluency and comprehension skills. Students are required to participate in this class on the basis of their state assessment reading scores and LPAC recommendation. The course will focus on word study, vocabulary development, comprehension, and critical reading strategies. Parent permission is required.

MATHEMATICS

Grade Level: 7
Prerequisite: None
Course Length: Full year

Seventh grade math involves addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals as well as percent and geometry for everyday use. The course also includes work on exponents, place value, integers, sets, number theory, prime numbers, graphing, measurement and problem solving.

*Mathematics***MATHEMATICS GIFTED/TALENTED**

Grade Level: 7
Prerequisite: Admission to the Gifted Program
Course Length: Full year

The seventh grade Gifted and Talented Mathematics course provides an enriched and more challenging academic curriculum for students with exceptional mathematical abilities. The course emphasizes the development of students' logical, creative, and independent thinking skills and problem-solving skills. Topics included will be number concepts, geometry, measurements, probability, statistics, graphing, relations and functions.

Prerequisites include academic performance and standardized evaluations.

MATHEMATICS PRE-ADVANCED PLACEMENT

Grade Level: 7
Prerequisite: None
Course Length: Full year

Pre-Advanced Placement Mathematics is for students who are highly motivated and interested in math. The pacing and level of instruction will be advanced in order for students to cover 7th and 8th grade objectives. The course emphasizes the development of students' logical, creative, and independent thinking skills and problem-solving skills. Topics included will be number concepts, geometry, measurements, probability, statistics, graphing, relations and functions.

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

SCIENCE

Grade Level: 7
Prerequisite: None
Course Length: Full year

Seventh grade science focuses on living systems and how they interact with the non-living factors in the environment.

Matter and energy are conserved throughout living systems. Organic compounds are composed of carbon and other elements that are recycled due to chemical changes that rearrange the elements for the particular needs of that living system. Force, motion, and energy are observed in living systems and the environment in several ways such as, interactions between muscular and skeletal system, the direction and growth of seedlings, turgor pressure, and geotropism. Different environments support different living organisms that are adapted to different regions of the Earth. Students learn that all organisms obtain energy, get rid of wastes, grow, and reproduce. All living organisms are made up of smaller units called cells.

Students will also investigate earth and space phenomena. Earth and space phenomena can be observed in a variety of settings. Students will also investigate characteristics of Earth and relationships of objects in our solar system that allow life to exist.

Science

*Science***SCIENCE GIFTED/TALENTED****Grade Level:**

7

Prerequisite:**Admission to the Gifted Program****Course Length:****Full year**

Gifted and Talented Science covers the same information as Seventh Grade Science in the same sequence. Instruction will be differentiated to meet the unique needs of academically talented students with the substitution of long-term projects and open-ended assignments. Students will be encouraged to take ownership of their own learning by investigating self-selected topics in more depth and complexity. **Gifted and talented students are expected to participate in the Science Fair.**

Prerequisites include academic performance and standardized evaluations.

SCIENCE PRE-ADVANCED PLACEMENT**Grade Level:**

7

Prerequisite:**None****Course Length:****Full year**

Pre-Advanced Placement Science is for students who are highly motivated and interested in science. The class is an accelerated academic class that covers the same objectives as seventh grade science in more depth and complexity. Students will be expected to complete more self-directed independent projects than in a regular seventh grade science class. **Students will be expected to participate in the school Science Fair.**

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

*Social Studies***SOCIAL STUDIES****TEXAS HISTORY AND GEOGRAPHY****Grade Level:**

7

Prerequisite:**None****Course Length:****Full year**

The design of this class provides opportunities for students to study the heritage and legacy of Texas from early days to present. Major events, people, issues, and conflicts provide a framework for analyzing the development of Texas culture. These include early inhabitants, Spanish colonization, independence from Mexico, nationhood, statehood, and the significance of Texas in United States policy and culture. Historical content reflects the concept of confluence of cultures in which people of various backgrounds and traditions, speaking different languages, came together in a new country and built a republic and later a state. Students will investigate the interaction of man and the environment including regional geography, land and water use, and the processes of ecological change occurring today. This course design explores two fundamental understandings of Texas history: scientific discoveries and technological innovations have had an important impact on the political, economic, and social development of Texas; and the economy of Texas is interdependent with that of the United States and that of other nations of the world.

SOCIAL STUDIES**TEXAS HISTORY AND GEOGRAPHY GIFTED/TALENTED****Grade Level:**

7

Prerequisite:**Admission to the Gifted Program****Course Length:****Full year**

The Gifted and Talented Texas History course expands from the standard seventh grade social studies program by providing students increased intellectual enrichment and new challenges. While content for the course remains similar to the standard curriculum, the GT class enhances learning by providing

- instructional and organizational patterns that enable identified students to work together as a group, to work with other students, and to work independently;
- a continuum of learning experiences that lead to the development of advanced-level products and performances;
- in-school and, when possible, out-of-school options relevant to the student's area of strength that are available during the entire school year; and
- opportunities to accelerate in areas of strength.

Students will analyze historical content focusing on the political, economic, and social events and issues related to the development of Texas. The course of study equips students with skills to evaluate the impact of major Texas events and issues such as early inhabitants, Spanish colonization, independence from Mexico, nationhood, statehood, and the significance of Texas in United States policy and culture.

Prerequisites include academic performance and standardized evaluations. **Students will be expected to participate in National History Day.**

SOCIAL STUDIES**TEXAS HISTORY AND GEOGRAPHY PRE-ADVANCED PLACEMENT****Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

Pre-Advanced Placement classes are for students who are highly motivated and interested in social studies. Students will engage in active, high-level learning to develop skills and concepts needed to succeed at more rigorous academic levels of study in Texas history and geography. Learning will also be in more depth than is generally offered in the regular class. The basic content is the same as that of the regular course, but this course provides the student with the opportunity to pursue topics in more detail. The student will research and develop products that encourage deeper understanding of history and geography. **Students will be expected to participate in National History Day.**

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

*Physical Education***PHYSICAL EDUCATION****Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

Four semesters of physical education are required for all students in grades 6-8 unless substituted by participation in a school athletic program.* Students must fulfill two semesters of their physical education requirement in sixth grade and may fulfill the remaining two semesters of their physical education requirement in either the seventh or eighth grade year. Students are expected to suit-out in appropriate attire and actively participate in movement activities to successfully fulfill course requirements. Emphasis is on:

- acquiring knowledge and skills for movement that provide the foundation for enjoyment and continued social development through physical activity
- understanding the relationship between physical activity and health throughout the lifespan
- application of similar concepts from one sport or movement setting to another
- identification of key elements in performance that lead to movement success
- knowledge of safety practices involved in active participation of movement activities and management of their own behavior
- acquiring the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate.

**Athletics includes the following sports: football, basketball, track and cross country, volleyball, and tennis.*

ELECTIVES*Electives***CREATIVE WRITING****Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

Creative Writing is an elective course open to seventh and eighth grade students with an interest in writing. Teacher guidance in areas such as fiction, poetry, memoir, nonfiction, and publishing can deepen student knowledge of the writing process as individual writing occurs. All integrated language arts TEKS are addressed in the curriculum.

SPEECH**Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

Middle school students will develop effective communication skills to further their academic pursuits and to prepare for interaction in social, civic, and professional roles. To become competent communicators, students will develop and apply skills in using oral language, nonverbal communication, and listening in interpersonal, group, academic, and public contexts.

CREATIVE PROBLEM SOLVING

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course allows students to develop critical and creative thinking skills while collaborating to solve relevant problems. Students will actively engage in research as they work in teams to solve challenges with unique approaches. Creative Problem Solving nurtures research and inquiry skills and develops teamwork and leadership skills. Students' presentation skills will also be enhanced. **Students enrolled in this course are required to participate in the Destination Imagination tournament which is held on a Saturday in late February or early March each year.**

CHORAL MUSIC***BEGINNING TREBLE CHOIR**

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course provides a choral experience for the young female vocal student who is in her first year of middle school. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

INTERMEDIATE TREBLE CHOIR

Grade Level: 7
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The intermediate treble choir is primarily a performance organization for female students with one year of choir experience. Members of this organization should have developed a moderate degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

ADVANCED TREBLE CHOIR

Grade Level: 7
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The advanced treble choir is primarily a performance organization for female students with one year of choir experience. Members of this organization should have developed a high degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

BEGINNING TENOR/BASS CHOIR

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course provides a choral experience for the young male vocal student who is in his first year of middle school. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

ADVANCED TENOR/BASS CHOIR

Grade Level: 7
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The advanced tenor /bass choir is primarily a performance organization for male students with one year of choir experience. Members of this organization should have developed a high degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

**Additional expense may be required for a uniform in choral classes. Some out-of-school rehearsal is required in addition to several evening concerts which are part of the curriculum.*

ORCHESTRA***BEGINNING ORCHESTRA****Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

This is a class for the student who is a beginner on an orchestra string instrument. Proper instrument care, correct playing techniques, finger positions, tone production, counting, basic musical terms, and notation are stressed. Placement on individual instruments will be determined by teacher recommendation based on consultation with students and parents.

INTERMEDIATE ORCHESTRA**Grade Level:****7****Prerequisite:****Beginning Orchestra and/or Audition****Course Length:****Full year**

The intermediate orchestra is primarily a performance organization for students with at least one year of orchestra experience. Members of this organization should have developed a moderate degree of performance ability. The work of the first year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all orchestra activities.

ADVANCED ORCHESTRA**Grade Level:****7****Prerequisite:****Beginning or Intermediate Orchestra and/or Audition****Course Length:****Full year**

The advanced orchestra is primarily a performance organization for students with at least one year of orchestra experience. Members of this organization should have developed a high degree of performance ability. The work of the previous year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all orchestra activities.

**Additional expense may be required for a uniform and instrument. Some before and after school rehearsals are required in addition to several evening concerts which are part of the curriculum.*

BAND***BEGINNING BAND (Beg. Brass, Or Beg. Woodwind, Or Beg. Percussion)****Grade Level:****7****Prerequisite:****None****Course Length:****Full year**

This is a class for the student who is a beginner on a band instrument. Proper instrument care, correct playing techniques, fingerings, tone production, counting, basic musical terms, and notation are stressed. Placement on individual instruments will be determined by teacher recommendations based on consultations with students and parents. Additional audition procedures may be necessary to determine instrument placement.

INTERMEDIATE BAND**Grade Level:****7****Prerequisite:****Beginning Band and/or Audition****Course Length:****Full year**

The intermediate band is primarily a performance organization for students with at least one year of band experience. Members of this organization should have developed a moderate degree of performance ability. The work of the first year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all full band activities. Placement in this band would be determined by audition.

*Electives***ADVANCED BAND**

Grade Level: 7
Prerequisite: Beginning Band, Intermediate Band and/or Audition
Course Length: Full year

The advanced band is primarily a performance organization for students with at least one year of band experience. Members of this organization should have developed a high degree of performance ability. The work of the previous year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all full band activities. Placement in this band would be determined by audition.

**Additional expense may be required for a uniform and instrument. Some before and after school rehearsals are required in addition to several evening concerts which are part of the curriculum.*

ART**BEGINNING ART**

Grade Level: 7
Prerequisite: None
Course Length: Full year

This program consists of an introduction to design, drawing, sculpture, painting, art history, printing, and art forms. The course includes an orientation in the use of a variety of media and the basic skills essential in the use of each.

INTERMEDIATE ART*

Grade Level: 7
Prerequisite: None
Course Length: Full year

The program consists of an introduction to design, drawing, sculpture, painting, art history, printing, and art forms. The course includes an orientation in the use of a variety of media and the basic skills essential in the use of each.

**Additional supplies will need to be purchased.*

THEATRE**BEGINNING THEATRE**

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course is designed to introduce students to theatre by teaching expression through theatre performance. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Topics include theatre heritage and traditions, interpreting, character development using the voice and body expressively, technical elements of theatre, theatre design, and directing and production concepts and skills, all designed to instill an appreciation of live theatre.

INTERMEDIATE THEATRE

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course is designed to introduce students to theatre by teaching creative expression through theatre performance. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Topics include theatre heritage and traditions, interpreting, character development using the voice and body expressively, technical elements of theatre, theatre design, and directing and production concepts and skills, all designed to instill an appreciation of live theatre.

INTRODUCTION TO PRINCIPLES OF APPLIED ENGINEERING*

Grade Level: 7
Prerequisite: None
Course Length: Full year

This course provides an introduction to the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects.

**Additional supplies or materials will be required. Cost will be dependent upon the projects the student chooses.*

ATHLETICS

Grade Level: 7
Prerequisite: Meet requirements per UIL Constitution Sec. 1478
Course Length: Full year

Athletics at the middle school includes football, basketball, tennis, track, cross country and girls' volleyball.

A physical exam and a notarized release are required for participation in athletics. Additional practice outside the school day is required.

AVID 7 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

(McDonald, New and Vanston Middle Schools Only)

Grade Level: 7
Prerequisite: Application and acceptance into the program
Course Length: Full year

The AVID class addresses key elements in college preparation: academic survival skills, college entry skills, tutorials, motivational activities, and career and college exploration. Additionally students will improve their oral communication skills through presentation and Socratic Seminar, participate in writing to learn activities, including note taking, learning logs, and essay writing, prepare for college entrance examinations, including the SAT and ACT, and complete and present a multi-grade level portfolio of their work. AVID can take the place of seventh grade Reading for students accepted into the program.

STAAR PREP

Grade Level: 7
Prerequisite: None
Course length: Full year

This course may be required for students not mastering state assessment in sixth grade. Skills reinforced in this course will provide the student with activities which will demonstrate the practical aspects of math, reading, composition, and grammar skills. Since there will be a focus on remediation of writing, reading, and math skills targeted to state assessment, instruction will be individualized to eliminate specific areas of deficiency.

SEVENTH GRADE PRACTICE SCHEDULE

COURSES

- 1 English Language Arts or English Language Arts GT or English Language Arts Pre-AP or English Language Arts ESL
- 2 Reading or Reading ESL
- 3 Mathematics or Mathematics GT or Math Pre-AP
- 4 Science or Science GT or Science Pre-AP
- 5 Social Studies-Texas History and Geography or Social Studies GT or Social Studies Pre-AP
- 6 Physical Education (Athletics will substitute.)
- 7 _____ (Elective Course)

Students may take a maximum of two elective courses.

Notes

EIGHTH GRADE COURSES 2018-2019

Required Courses	Units
English Language Arts	1
* Reading	1
Mathematics	1
Science	1
Social Studies-United States History and Citizenship	1
** Physical Education	1

* This course will be required only for designated students.

** Students who have completed Physical Education, or Pre-Athletics and Athletics in grades 6-7 will not be required to take Physical Education in grade 8.

Electives	Units
Creative Writing	1
Speech.....	1
Creative Problem Solving.....	1
Scientific Research	1
Spanish 1	1
Spanish for Spanish Speakers 1	1
Choral Music	1
Orchestra	1
Band.....	1
Art 1	1
Advanced Art - Basic Design	1
Theatre 1	1
Theatre 2	1
Principles of Human Services.....	1
Introduction to Principles of Applied Engineering.....	1
Principles of Applied Engineering.....	1
Health and Aerobic Activities.....	1
Health and Adventure/Outdoor Education	1
Health and Team Sports	1
Athletics	1
STAAR Prep	1
AVID 8.....	1
Independent Study.....	1

Gifted and Talented Courses (GT Program)	Units
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Students may be selected for one or more GT courses based upon state approved criteria for identified students.

*English Language Arts GT/HS English 1	1
*Mathematics GT/HS Algebra 1	1
Science GT	1
Social Studies-U. S. History and Citizenship GT	1

Pre-Advanced Placement Courses (Pre-AP Program)	Units
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English Language Arts Pre-AP	1
*Algebra 1 Pre-AP	1
Science Pre-AP	1
Social Studies-U.S. History and Citizenship Pre-AP.....	1
Advanced Art-Basic Design	1

*Students who successfully complete a high school course(s) in middle school receive high school credit but do not receive grade points for class ranking for the course.

CORE COURSES

Language Arts

ENGLISH LANGUAGE ARTS
Grade Level: 8
Prerequisite: English 7
Course Length: Full year

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts from a wide variety of cultural, historical, and contemporary contexts. Students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH I GIFTED/TALENTED
Grade Level: 8
Prerequisite: Admission to the Gifted Program
Course Length: Full year

The English I course in Grade 8 provides an appropriately differentiated learning experience. The advanced curriculum with an emphasis on critical thinking provides a balance among reading, writing, listening/speaking and research skills. The students read extensively (in class and out of class) from multiple genres representing classical and contemporary literature and informational texts. Students use the writing process to complete a variety of written compositions on a regular basis. Students enrolled in this course will take the STAAR EOC English I assessment. Students passing the course receive one high school credit for English I but will not receive grade points.

ENGLISH PRE-ADVANCED PLACEMENT
Grade Level: 8
Prerequisite: None
Course Length: Full year

This course provides an advanced curriculum for highly motivated students. Students are provided the opportunity to enhance their study of language and composition skills using the writing process to complete a variety of written compositions. Students read and analyze from multiple genres extensively (in class and out of class).

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

English as a
Second Language

ENGLISH LANGUAGE ARTS: ENGLISH AS A SECOND LANGUAGE (ESL)
Grade Level: 8
Prerequisite: LPAC recommendation
Course Length: Full year

This course is a cumulative and sequential program for students whose primary language is a language other than English and have been identified as English language learner. The course will emphasize skills in reading, writing, speaking, and listening in order to accelerate proficiency in English. Students will engage in activities to build on their prior knowledge and skills to strengthen strands of reading, writing, listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts from a variety of cultural, historical, and contemporary contexts. Students compose a variety of written texts with a clear controlling idea, coherent organizations, and sufficient detail. Parent permission is required.

Reading

READING
Grade Level: 8
Prerequisite: Students are assigned
Course Length: Full year

Reading is an intervention course to improve reading fluency and comprehension skills. Students are required to participate in this class on the basis of their state assessment reading scores and recommendations of their teachers and counselors. The classroom provides a variety of multi-leveled materials (Lexile leveled) and computers to provide independent practice. Classroom instruction emphasizes word study, vocabulary development, and critical comprehension skills and strategies.

READING: ENGLISH AS A SECOND LANGUAGE (READING ESL)

Grade Level: 8
Prerequisite: LPAC recommendation
Course Length: Full Year

This course is for students whose primary language is a language other than English and have a language level of beginning or intermediate. This reading course is an intervention course to improve reading fluency and comprehension skills. Students are required to participate in this class on the basis of their state assessment reading scores and LPAC recommendation. The course will focus on word study, vocabulary development, comprehension, and critical reading strategies. Parent permission is required.

Reading

MATHEMATICS

Grade Level: 8
Prerequisite: Math 7
Course Length: Full year

The eighth grade math course will cover the same topics as Pre-Algebra. Problem solving in the real world, number and numeration concepts, operations and computation, geometry and measurement, probability and statistics, graphing, and relations and functions are topics that will be included.

Mathematics

MATH GIFTED/TALENTED

ALGEBRA 1
Grade Level: 8
Prerequisite: Admission to the Gifted Program
Course Length: Full year

The eighth grade Gifted and Talented Mathematics course will cover the same topics as Algebra 1: the study of foundations for functions, linear functions, and quadratic and other nonlinear functions. The course emphasizes basic algebraic reasoning processes, applications, and problem-solving in real world situations.

Students enrolled in this course will take the STAAR EOC Algebra 1 assessment.

Students passing this course will receive one high school credit for Algebra 1 but will not receive grade points.

Prerequisites include academic performance and standardized evaluations.

MATH PRE-ADVANCED PLACEMENT

ALGEBRA 1
Grade Level: 8
Prerequisite: See description below
Course Length: Full year

Pre-Advanced Placement Mathematics is for students who are highly motivated and interested in math. The course covers the same topics as Algebra 1: the study of foundations for functions, linear functions, and quadratic and other nonlinear functions. The course emphasizes basic algebraic reasoning processes, applications, and problem-solving in real world situations.

Students enrolled in this course will take the STAAR EOC Algebra 1 assessment. Students passing the course receive one high school credit for Algebra I but will not receive grade points.

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

SCIENCE

Grade Level: 8
Prerequisite: Science, Grade 7
Course Length: Full year

Eighth grade science will primarily focus on earth and space science.

Students will recognize that matter is composed of atoms. Lab activities will allow students to demonstrate evidence of chemical reactions. Students will experiment with the relationship between forces and motion through the study of Newton's three laws and how these forces relate to geologic processes and astronomical phenomena. Students will identify the role of natural events in altering Earth systems. They will interpret land and erosional features on topographic maps.

In studies of living systems, students will explore the interdependence between these systems. Interactions between organisms in ecosystems, including producer/consumer, predator/prey, and parasite/host relationships, are investigated in aquatic and terrestrial systems.

Science

Science

SCIENCE GIFTED/TALENTED

Grade Level:

8

Prerequisite:

Admission to the Gifted Program

Course Length:

Full year

Gifted and Talented Science covers the same information as eighth grade science in the same sequence. Instruction will be differentiated to meet the unique needs of academically talented students with the substitution of long-term projects and open-ended assignments. Students will be encouraged to take ownership of their own learning by investigating self-selected topics in more depth and complexity. **Gifted and Talented students are expected to participate in the Science Fair.**

Prerequisites include academic performance and standardized evaluations.

SCIENCE PRE-ADVANCED PLACEMENT

Grade Level:

8

Prerequisite:

See description below

Course Length:

Full year

Pre-Advanced Placement Science is for students who are highly motivated and interested in science. The class is an accelerated academic class that covers the same objectives as eighth grade science in more depth and complexity. Students will be expected to complete more self-directed independent projects than in a regular eighth grade science class. **Students will be expected to participate in the school Science Fair.**

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

Social Studies

SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP

Grade Level:

8

Prerequisite:

Social Studies, Grade 7

Course Length:

Full year

U.S. History introduces the first half of our national history, heritage, and legacy. Students will study the second half in high school. The span of this course includes the earliest beginnings of our nation, the steps forward of the early republic, and the significant issues and events through the Civil War and Reconstruction. Early American history emphasizes the development and structure of the Constitution, as well as the relationship of the Bill of Rights to the nature of citizenship in the democracy of the United States. Emphasis on the multicultural nature of the American people demonstrates the value and contributions of a diverse society. Within this historical context, students will study the role of geography, immigration, and emerging capitalism as these and other various forces shaped our national identity. This course design explores two fundamental understandings of early American history: several important reasons contributed to the growth of representative government in the United States; and citizens of the United States have both rights and responsibilities.

**SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP
GIFTED/TALENTED**

Grade Level:

8

Prerequisite:

Admission to the Gifted Program

Course Length:

Full year

The Gifted and Talented United States History course expands from the standard eighth grade social studies program by providing students increased intellectual enrichment and new challenges. While content for the course remains similar to the standard curriculum, the GT class enhances learning by providing

- instructional and organizational patterns that enable identified students to work together as a group, to work with other students, and to work independently;
- a continuum of learning experiences that leads to the development of advanced-level products and performances;
- in-school and, when possible, out-of-school options relevant to the student's area of strength that are available during the entire school year; and
- opportunities to accelerate in areas of strength.

Students will analyze historical content focusing on the political, economic, and social events and issues related to the development of the Republic through the end of Reconstruction in 1877. The course of study equips students with skills to evaluate the impact of major American events and documents such as the creation and ratification of the U.S. Constitution, westward expansion, the Civil War, and Reconstruction. Students evaluate major Supreme Court decisions of the 19th century and examine the rights and responsibilities of citizenship in our unique American democracy.

Prerequisites include academic performance and standardized evaluations. **Students will be expected to participate in National History Day.**

SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP PRE-ADVANCED PLACEMENT

Social Studies

Grade Level: 8
Prerequisite: See description below
Course Length: Full year

Pre-Advanced Placement classes are for students who are highly motivated and interested in social studies. Students will engage in active, high-level learning to develop skills and concepts needed to succeed at more rigorous academic levels of study in United States history. Learning will also be in more depth than is generally offered in the regular class. The basic content is the same as that of the regular course, but this course provides the student with the opportunity to pursue topics in more detail. The student will research and develop products that encourage deeper understanding of United States history. **Students will be expected to participate in National History Day.**

Pre-AP courses are available to academically ready students willing to be challenged with rigorous content. This course will require additional work and/or reading for successful course completion.

PHYSICAL EDUCATION

Physical Education

Grade Level: 8
Prerequisite: None
Course Length: Full year

Four semesters of physical education are required for all students in grades 6-8 unless substituted by participation in a school athletic program.* Students must fulfill two semesters of their physical education requirement in sixth grade and may fulfill the remaining two semesters of their physical education requirement in either the seventh or eighth grade year. Students are expected to dress-out in appropriate attire and actively participate in movement activities to successfully fulfill course requirements. Emphasis is on:

- acquiring knowledge and skills for movement that provide the foundation for enjoyment and continued social development through physical activity
- understanding the relationship between physical activity and health throughout the lifespan
- application of similar concepts from one sport or movement setting to another
- identification of key elements in performance that lead to movement success
- knowledge of safety practices involved in active participation of movement activities and management of their own behavior
- acquiring the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate.

* *Athletics includes the following sports: football, basketball, track and cross country, volleyball, and tennis.*

ELECTIVES

Electives

CREATIVE WRITING

Grade Level: 8
Prerequisite: None
Course Length: Full year

Creative Writing is an elective course open to seventh and eighth grade students with an interest in writing. Teacher guidance in areas such as fiction, poetry, memoir, nonfiction, and publishing can deepen student knowledge of the writing process as individual writing occurs. All integrated language arts TEKS are addressed in the curriculum.

SPEECH

Grade Level: 8
Prerequisite: None
Course Length: Full year

Middle school students will develop effective communication skills to further their academic pursuits and to prepare for interaction in social, civic, and professional roles. To become competent communicators, students will develop and apply skills in using oral language, nonverbal communication, and listening in interpersonal, group, academic and public contexts.

Electives

CREATIVE PROBLEM SOLVING**Grade Level:****8****Prerequisite:****None****Course Length:****Full year**

This course allows students to develop critical and creative thinking skills while collaborating to solve relevant problems. Students will actively engage in research as they work in teams to solve challenges with unique approaches. Creative Problem Solving nurtures research and inquiry skills and develops teamwork and leadership skills. Students' presentation skills will also be enhanced. **Students enrolled in this course are required to participate in the Destination Imagination tournament which is held on a Saturday in late February or early March each year.**

SCIENTIFIC RESEARCH**Grade Level:****8****Prerequisite:****Teacher Recommendation****Course Length:****Full year**

The Scientific Research course is designed for students who have an interest in designing and conducting scientific research in a meaningful way. Students will investigate the process of scientific inquiry, its historical development, and its modern application. Students will be led through a systematic process to identify a significant problem or question, and then guided in the research process. They will design and carry out an investigation to study the problem and will then communicate their findings to the public. **Students will enter their project in both the campus and regional science fairs.** In the spring, students will have the option of continuing their initial project in greater detail or choosing a new project to study with the aim of presenting it the following year in the High School Science Fair.

SPANISH 1**Grade Level:****8****Prerequisite:****None****Course Length:****Full year**

The student uses the four fundamental communicative skills of listening, speaking, reading, and writing with emphasis on listening and speaking. Students read and write material containing vocabulary and grammar that is comprehended aurally and reproduced orally. The student studies the way of life, the history, and the customs of Spanish-speaking peoples. With a focus on oral proficiency, extended time is devoted to listening and responding. High school credit for Spanish 1 is earned for this course. Students passing this course will receive one high school credit but will not receive grade points.

SPANISH FOR SPANISH SPEAKERS 1**Grade Level:****8****Prerequisite:****See description****Course Length:****Full year**

The Spanish for Spanish Speakers class is designed to meet the needs of those students who are already able to communicate orally in fluent Spanish. Geared for the first-year Spanish student who speaks Spanish at home, this course will focus on improving grammar, reading, and writing skills in Spanish. Please note that this course is conducted solely in Spanish. High school credit for Spanish for Spanish Speakers 1 is earned for this course. Students passing this course will receive one high school credit but will not receive grade points.

SPANISH LANGUAGE & COMPOSITION AP (H)**Grade Level:****8****Prerequisite:****Academically Ready****Course Length:****Full year**

Fluency in speaking and in understanding Spanish at an advanced level is developed through group discussion and analysis of advanced placement testing materials. Both reading and writing skills are strengthened through intense grammatical review. This course provides a full academic year of advanced study. Opportunities for media interaction are included. **Upon completion of this course, students are expected to take the AP exam.**

CHORAL MUSIC***BEGINNING TREBLE CHOIR**

Grade Level: 8
Prerequisite: None
Course Length: Full year

This course provides a choral experience for the young female vocal student who has not previously participated in a middle school choir program. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

INTERMEDIATE TREBLE CHOIR

Grade Level: 8
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The intermediate treble choir is primarily a performance organization for female students with at least one year of choir experience. Members of this organization should have developed a moderate degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

ADVANCED TREBLE CHOIR

Grade Level: 8
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The advanced treble choir is primarily a performance organization for female students with at least one year of choir experience. Members of this organization should have developed a high degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

BEGINNING TENOR/BASS CHOIR

Grade Level: 8
Prerequisite: None
Course Length: Full year

This course provides a choral experience for the young male vocal student who is in their first year of middle school choir. Students are encouraged to discover the academic, historical, and aesthetic aspects of choral music and its relationship to all areas of their lives.

ADVANCED TENOR/BASS CHOIR

Grade Level: 8
Prerequisite: Audition/Prior choral participation
Course Length: Full year

The advanced tenor/bass choir is primarily a performance organization for male students with at least one year of choir experience. Members of this organization should have developed a high degree of performance ability. The musical development of the first year is continued with a growing emphasis on musicianship, control, technique, and performance. Placement in this choir would be determined by audition.

**Additional expenses may be required for uniforms, individual competitions, and festivals. Students will be required to participate in extra rehearsals and performances which occur outside of the school day.*

ORCHESTRA***BEGINNING ORCHESTRA**

Grade Level: 8
Prerequisite: None
Course Length: Full year

This is a class for the student who is a beginner on an orchestral string instrument. Proper instrument care, correct playing techniques, finger positions, tone production, counting, basic musical terms, and notation are stressed. Placement on individual instruments will be determined by teacher recommendation based on consultation with students and parents.

*Electives***INTERMEDIATE ORCHESTRA**

Grade Level: 8
Prerequisite: Beginning Orchestra and/or Audition
Course Length: Full year

The intermediate orchestra is primarily a performance organization for students with at least one year of orchestra experience. Members of this organization should have developed a moderate degree of performance ability. The work of the first year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all orchestra activities.

ADVANCED ORCHESTRA

Grade Level: 8
Prerequisite: Beginning or Intermediate Orchestra and/or Audition
Course Length: Full year

The advanced orchestra is primarily a performance organization for students with at least one year of orchestra experience. Members of this organization should have developed a high degree of performance ability. The work of the previous year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all orchestra activities.

**Additional expense may be required for a uniform and instrument. Some before and after school rehearsals are required in addition to several evening concerts which are part of the curriculum.*

BAND***Beginning Band (Beg. Brass, OR Beg. Woodwind, OR Beg. Percussion)**

Grade Level: 8
Prerequisite: None
Course Length: Full year

This is a class for the student who is a beginner on a band instrument. Proper instrument care, correct playing techniques, fingerings, tone production, counting, basic musical terms, and notation are stressed. Placement on individual instruments will be determined by teacher recommendations based on consultations with students and parents. Additional audition procedures may be necessary to determine instrument placement.

INTERMEDIATE BAND

Grade Level: 8
Prerequisite: Beginning Band and/or Audition
Course Length: Full year

The intermediate band is primarily a performance organization for students with at least one year of band experience. Members of this organization should have developed a moderate degree of performance ability. The work of the first year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all full band activities. Placement in this band will be determined by audition.

ADVANCED BAND

Grade Level: 8
Prerequisite: Beginning Band, Intermediate Band and/or Audition
Course Length: Full year

The advanced band is primarily a performance organization for students with at least one year of band experience. Members of this organization should have developed a high degree of performance ability. The work of the previous year is continued with a greater emphasis placed upon growing musical awareness and continued development of musicianship, control, and technical facility. Members of this class are expected to participate in all full band activities. Placement in this band would be determined by audition.

**Additional expense may be required for a uniform and instrument. Some before and after school rehearsals are required in addition to several evening concerts which are part of the curriculum.*

ART ***ART 1**

Grade Level: 8
Prerequisite: Must have completed at least 1 year of MS art
Course Length: Full year

The program consists of an introduction to design, drawing, sculpture, painting, art history, printing, and art forms. The course includes an orientation in the use of a variety of media and the basic skills essential in the use of each.

ADVANCED ART - BASIC DESIGN

Grade Level: 8
Prerequisite: Must have completed at least 1 year of MS art
Course Length: Full year

The intent of this program is to refine art skills developed in Art 1. The class is composed of a selected group of students exhibiting exceptional talents in the field of art. Students taking this class would earn high school credit for Art 1. The successful completion of a portfolio will enable students to be ready for a more rigorous art curriculum and will allow them the opportunity to enroll in a greater number of advanced level art courses during their high school experience.

**Additional materials or supplies will be required.*

THEATRE**THEATRE 1**

Grade Level: 8
Prerequisite: None
Course Length: Full year

This course is designed to introduce students to theatre by teaching creative expression through theatre performance. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Topics include theatre heritage and traditions, interpreting, character development using the voice and body expressively, technical elements of theatre, theatre design, and directing and production concepts and skills, all designed to instill an appreciation of live theatre.

THEATRE 2

Grade Level: 8
Prerequisite: Theatre 1 & teacher recommendation
Course Length: Full year

This eighth grade theatre course is intended to further refine the skills developed in Theatre 1. The class is focused on students exhibiting exceptional talents in the field of theatre. Students will use improvisation and pantomime, and will learn to further express thoughts and feelings using effective voice and diction. The students will apply elements of drama to interpret characters using the voice and body expressively. They will learn and apply theatre production skills in the areas of sets, sound, costuming, makeup and publicity. The students will delve deeper into theatre history, exploring major time periods of theatrical development.

CTE***PRINCIPLES OF HUMAN SERVICES**

Grade Level: 8
Prerequisite: None
Course Length: Full year

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Content includes a focus on personal development, interpersonal studies, child development, nutrition and wellness, budgeting and consumer-buying practices, and personal care.

Students successfully completing course requirements will receive one high school graduation credit but will not receive grade points.

*Electives***INTRODUCTION TO PRINCIPLES OF APPLIED ENGINEERING****Grade Level:****8****Prerequisite:****None****Course Length:****Full year**

This course provides an introduction to the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects.

PRINCIPLES OF APPLIED ENGINEERING**Grade Level:****8****Prerequisite:****Introduction to Principles of Applied Engineering****Course Length:****Full year**

Principles of Applied Engineering provides an extensive overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will continue to develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Students successfully completing course requirements can receive one high school graduation credit that meets the Technology Education requirement. Students passing this course will receive one high school credit but will not receive grade points.

**Additional supplies or materials will be required. Cost will be dependent upon the projects the student chooses.*

PHYSICAL EDUCATION**HEALTH AND AEROBIC ACTIVITIES****Grade Level:****8****Prerequisite:****Written parent permission****Course length:****Full year**

This is an integrated year-long health and personal fitness course. It will include one semester emphasizing issues concerning personal wellness, mental health, nutrition, interpersonal relationships, the rights and responsibilities of parenting, CPR instruction and the detrimental effects of substance abuse. The individual and societal cost of sexually transmitted diseases will be presented. Also included is one semester that addresses personal wellness issues and life-long physical education activities. The goal is to give students sufficient information to make good health/fitness choices that promote a long and healthy life. Upon successful completion of this class, students can earn one-half credit of high school health for first semester and one-half credit for Aerobic Activities-a high school physical education course but will not receive grade points.

HEALTH AND ADVENTURE/OUTDOOR EDUCATION**Grade Level:****8****Prerequisite:****Written parent permission****Course length:****Full year**

Adventure/Outdoor Education is designed for students to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime. Activities may include, but are not limited to: backpacking, boating (canoeing, kayaking, rowing), camping, hiking, wall climbing, ropes course, orienteering, water safety instruction, and water sports (fishing, etc.)

Student expectations include:

- demonstration of consistency in execution of the basic skills of adventure/outdoor education activities,
- demonstration of understanding of the rules, skills, and strategies of outdoor education activities and appropriate application,
- analyze and compare health and fitness benefits derived from participation in adventure/outdoor education activities,
- establish realistic yet challenging health-related fitness goals for adventure/outdoor activities,
- explain and follow safety procedures during adventure/outdoor education activities, and
- list and describe safety equipment used in outdoor activities.

Upon successful completion of this class, students can earn one-half credit of high school health and one-half credit for Adventure/Outdoor Education-a high school physical education course-but will not receive grade points.

HEALTH AND TEAM SPORTS

Grade Level: 8
Prerequisite: Written parent permission
Course length: Full year

This is an integrated year-long health and team sports course. It will include one semester emphasizing issues concerning personal wellness, mental health, nutrition, interpersonal relationships, the rights and responsibilities of parenting, CPR instruction and the detrimental effects of substance abuse. The individual and societal cost of sexually transmitted diseases will be presented. Also included is one semester that addresses team sports. Students will be provided with the opportunity to develop health-related fitness and an appreciation for teamwork and fair play through participation in a variety of team sports. Students should be able to demonstrate proficiency in two or more sports that may include: basketball, field or floor hockey, flag football, soccer, softball, team handball or volleyball. Expectations of students may include:

- demonstration of consistency using basic offensive and defensive skills of a sport,
- application of movement concepts and principles to the learning and development of motor skills,
- development of basic components such as strategies, protocol, and rules of structured physical activities and
- exhibiting a physically active lifestyle that provides opportunities for enjoyment and challenge through team sports.

Upon successful completion of this class, students can earn one-half credit of high school health and one-half credit for Team Sports-a high school physical education course but will not receive grade points.

ATHLETICS

Grade Level: 8
Prerequisite: Meet requirements per UIL Constitution Sec. 1478
Course Length: Full year

Athletics at the middle school includes football, basketball, tennis, track, cross country and girl's volleyball.

A physical exam and a notarized release card are required for participation. Additional practice outside the school day will also be required.

STAAR PREP

Grade Level: 8
Prerequisite: None
Course length: Full year

This course may be required for students not mastering state assessment in seventh grade. Skills reinforced in this course will provide the student with activities which will demonstrate the practical aspects of math, reading, composition, and grammar skills. Since there will be a focus on remediation of writing, reading, and math skills targeted to state assessment, instruction will be individualized to eliminate specific areas of deficiency.

AVID 8 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (McDonald, New and Vanston Middle Schools Only)

Grade Level: 8
Prerequisite: Application and acceptance into the program
Course Length: Full year

The AVID class continues to address key elements in college preparation: academic survival skills, college entry skills, tutorials, motivational activities, and career and college exploration. Additionally students will improve their oral communication skills through presentation and Socratic Seminar, participate in writing to learn activities, including note taking, learning logs, and essay writing, prepare for college entrance examinations, including the SAT and ACT, and complete and present a multi-grade level portfolio of their work.

INDEPENDENT STUDY

Grade Level: 8
Prerequisite: None
Course length: Full year

Some campuses have electives that fall under Independent Study. Check with the campus registrar for available options.

EIGHTH GRADE PRACTICE SCHEDULE

COURSES

1	English Language Arts or English Language Arts GT or English Language Arts Pre-AP or English Language Arts ESL
2	Mathematics or Mathematics GT or Mathematics Pre-AP
3	Science or Science GT or Science Pre-AP
4	Social Studies-United States History and Citizenship or Social Studies GT or Social Studies Pre-AP
5	_____(Elective Course)
6	_____(Elective Course)
7	_____(Elective Course)

*Some students will be required to take Reading in place of one elective. These students will be notified.

Notes

SPECIAL EDUCATION COURSE DESCRIPTIONS

Placement in any Special Education class is dependent on eligibility and the decision of the Admission, Review, and Dismissal (ARD) Committee. Placement and course selections are reviewed, at a minimum, on an annual basis. The following is a list of the courses with modified Texas Essential Knowledge and Skills (TEKS) which are taught by special education teachers. Goals and objectives are developed for each class based on individual student needs. All Special Education courses are taken for credit as are General Education courses.

ENGLISH CO-TEACH**Grade Level:****6****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH MTI**Grade Level:****6****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

English MTI courses use general education curriculum in conjunction with individualized goals and objectives. They focus on integrated language arts study in language/writing, literature/reading, and speaking/listening. Students will practice the application of both oral and written use of language as well as interpret and respond to relevant literature. The development and reinforcement of study skills is an integral part of these courses.

ENGLISH ALT**Grade Level:****6****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

English ALT is a basic course of study in concentrated areas including literature, grammar, spelling, and writing/composition for students who require an alternate response method. Emphasis is placed on pre-requisite skills.

ENGLISH CO-TEACH**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH MTI**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

English MTI courses use general education curriculum in conjunction with individualized goals and objectives. They focus on integrated language arts study in language/writing, literature/reading, and speaking/listening. Students will practice the application of both oral and written use of language as well as interpret and respond to relevant literature. The development and reinforcement of study skills is an integral part of these courses.

ENGLISH ALT**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

English ALT is a basic course of study in concentrated areas including literature, grammar, spelling, and writing/composition for students who require an alternate response method. Emphasis is placed on pre-requisite skills.

ENGLISH CO-TEACH
Grade Level: 8
Prerequisite: Placement by ARD Committee
Course Length: Full year

This course is designed to engage students in activities that build on their prior knowledge and skills in order to strengthen the strands of reading, writing, speaking/listening, research, and oral and written conventions. Throughout the year students apply strategies to analyze, make inferences and draw conclusions as they read literary and informational texts from a wide variety of cultural, historical, and contemporary contexts. Students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail.

ENGLISH MTI
Grade Level: 8
Prerequisite: Placement by ARD Committee
Course Length: Full year

English MTI courses use general education curriculum in conjunction with individualized goals and objectives. They focus on integrated language arts study in language/writing, literature/reading, and speaking/listening. Students will practice the application of both oral and written use of language as well as interpret and respond to relevant literature. The development and reinforcement of study skills is an integral part of these courses.

ENGLISH ALT
Grade Level: 8
Prerequisite: Placement by ARD Committee
Course Length: Full year

English ALT is a basic course of study in concentrated areas including literature, grammar, spelling, and writing/composition for students who require an alternate response method. Emphasis is placed on pre-requisite skills.

Reading

READING MTI
Grade Level: 6
Prerequisite: Placement by ARD Committee
Course Length: Full year

Reading MTI focuses on the 6th grade Reading curriculum in conjunction with individualized goals and objectives. This course is designed to engage students in activities that strengthen reading skills and strategies needed to comprehend, interpret, and evaluate informational as well as literary selections. This course will focus on state assessment skills: word recognition, vocabulary development, and comprehension strategies. Significant blocks of time will be provided for reading.

READING ALT
Grade Level: 6
Prerequisite: Placement by ARD Committee
Course Length: Full year

Reading ALT is designed for the student requiring basic functional reading skills in conjunction with individualized goals and objectives. Emphasis will be placed on reading in work and community settings.

READING MTI
Grade Level: 7
Prerequisite: Placement by ARD Committee
Course Length: Full year

Reading MTI focuses on the 7th grade Reading curriculum in conjunction with individualized goals and objectives. This course is designed to engage students in activities that strengthen reading skills and strategies needed to comprehend, interpret, and evaluate informational as well as literary selections. This course will focus on state assessment skills: word recognition, vocabulary development, and comprehension strategies. Significant blocks of time will be provided for reading.

READING ALT
Grade Level: 7
Prerequisite: Placement by ARD Committee
Course Length: Full year

Reading ALT is designed for the student requiring basic functional reading skills in conjunction with individualized goals and objectives. Emphasis will be placed on reading in work and community settings.

MATHEMATICS CO-TEACH**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Sixth grade math involves number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

MATHEMATICS MTI**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Math 6 MTI focuses on the Math 6 Curriculum in conjunction with individualized goals and objectives. Sixth grade math involves number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

MATHEMATICS ALT**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Mathematics ALT focuses on the basic mathematical functions and pre-requisite skills in conjunction with individualized goals and objectives. It includes number and operations, proportionality, expressions, equations, algebraic relationships, and measurement and data. The students use rational numbers, proportional relationships, algebraic relationships, expressions, equations, inequalities, geometry, and coordinate geometry to represent and solve problems.

MATHEMATICS CO-TEACH**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Seventh grade math involves addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals as well as percent and geometry for everyday use. The course also includes work on exponents, place value, integers, sets, number theory, prime numbers, graphing, measurement and problem solving.

MATHEMATICS MTI**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Math 7 MTI focuses on the Math 7 Curriculum in conjunction with individualized goals and objectives. Seventh grade math involves addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals as well as percent and geometry for everyday use. The course also includes work on exponents, place value, integers, sets, number theory, prime numbers, graphing, measurement and problem solving.

MATHEMATICS ALT**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

Mathematics ALT focuses on the basic mathematical functions and pre-requisite skills in conjunction with individualized goals and objectives. It includes addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals as well as percent and geometry for everyday use. The course also includes work on exponents, place value, integers, sets, number theory, prime numbers, graphing, measurement and problem solving.

MATHEMATICS CO-TEACH**Grade Level:****Prerequisite:****Course Length:****Placement by ARD Committee****Full year**

The eighth grade math course will cover the same topics as Pre-Algebra. Problem solving in the real world, number and numeration concepts, operations and computation, geometry and measurement, probability and statistics, graphing, and relations and functions are topics that will be included.

Mathematics

MATHEMATICS MTI

Grade Level:

8

Prerequisite:

Placement by ARD Committee

Course Length:

Full year

Eighth grade math MTI focuses on the Math 8 curriculum in conjunction with individualized goals and objectives. The eighth grade math course will cover the same topics as Pre-Algebra. Problem solving in the real world, number and numeration concepts, operations and computation, geometry and measurement, probability and statistics, graphing, and relations and functions are topics that will be included.

MATHEMATICS ALT

Grade Level:

8

Prerequisite:

Placement by ARD Committee

Course Length:

Full year

Mathematics ALT focuses on the basic mathematical functions and pre-requisite skills in conjunction with individualized goals and objectives. It includes problem solving in the real world, number and numeration concepts, operations and computation, geometry and measurement, probability and statistics, graphing, and relations and functions are topics that will be included.

Science

SCIENCE CO-TEACH

Grade Level:

6

Prerequisite:

Placement by ARD Committee

Course Length:

Full year

Sixth grade science focuses on providing students foundational instruction in life and physical science topics that will prepare them for future science courses.

Students will learn about cells and differentiate between prokaryotes and eukaryotes. Organisms will be classified into different kingdoms using basic characteristics, and the levels of organization within ecosystems will be identified. Students will increase their knowledge about elements, compounds, and the Periodic Table of the Elements. Physical properties of materials, including a focus on density, will be covered. This will lead to differentiating between physical and chemical changes. Forces, including Newton's laws, velocity and acceleration will be studied and explored. Students will also extend their understanding of energy conversions. The layers of the Earth, along with an introduction to plate tectonics, will be explored. Students will also investigate various components of the universe and methods of space exploration.

SCIENCE MTI

Grade Level:

6

Prerequisite:

Placement by ARD Committee

Course Length:

Full year

Science MTI focuses on the 6th grade Science curriculum in conjunction with individualized goals and objectives necessary to understand foundational instruction in life and physical science topics that will prepare them for future science courses. Students will learn about cells and differentiate between prokaryotes and eukaryotes. Organisms will be classified into different kingdoms using basic characteristics, and the levels of organization within ecosystems will be identified. Students will increase their knowledge about elements, compounds, and the Periodic Table of the Elements. Physical properties of materials, including a focus on density, will be covered. This will lead to differentiating between physical and chemical changes. Forces, including Newton's laws, velocity and acceleration will be studied and explored. Students will also extend their understanding of energy conversions. The layers of the Earth, along with an introduction to plate tectonics, will be explored. Students will also investigate various components of the universe and methods of space exploration.

SCIENCE ALT

Grade Level:

6

Prerequisite:

Placement by ARD Committee

Course Length:

Full year

Science ALT focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand foundational instruction in life and physical science topics that will prepare them for future science courses. Students will learn about cells and differentiate between prokaryotes and eukaryotes. Organisms will be classified into different kingdoms using basic characteristics, and the levels of organization within ecosystems will be identified. Students will increase their knowledge about elements, compounds, and the Periodic Table of the Elements. Physical properties of materials, including a focus on density, will be covered. This will lead to differentiating between physical and chemical

changes. Forces, including Newton's laws, velocity and acceleration will be studied and explored. Students will also extend their understanding of energy conversions. The layers of the Earth, along with an introduction to plate tectonics, will be explored. Students will also investigate various components of the universe and methods of space exploration.

SCIENCE CO-TEACH

Grade Level:

Prerequisite:

Course Length:

Placement by ARD Committee

Full year

Seventh grade science focuses on living systems and how they interact with the nonliving factors in the environment.

Matter and energy are conserved throughout living systems. Organic compounds are composed of carbon and other elements that are recycled due to chemical changes that rearrange the elements for the particular needs of that living system. Force, motion, and energy are observed in living systems and the environment in several ways such as, interactions between muscular and skeletal system, the direction and growth of seedlings, turgor pressure, and geotropism. Different environments support different living organisms that are adapted to different regions of the Earth. Students learn that all organisms obtain energy, get rid of wastes, grow, and reproduce. All living organisms are made up of smaller units called cells.

Students will also investigate earth and space phenomena. Earth and space phenomena can be observed in a variety of settings. Students will also investigate characteristics of Earth and relationships of objects in our solar system that allow life to exist.

SCIENCE MTI

Grade Level:

Prerequisite:

Course Length:

Placement by ARD Committee

Full year

Science MTI focuses on the 7th grade Science curriculum in conjunction with individualized goals and objectives. Seventh grade science focuses on living systems and how they interact with the nonliving factors in the environment.

Matter and energy are conserved throughout living systems. Organic compounds are composed of carbon and other elements that are recycled due to chemical changes that rearrange the elements for the particular needs of that living system. Force, motion, and energy are observed in living systems and the environment in several ways such as, interactions between muscular and skeletal system, the direction and growth of seedlings, turgor pressure, and geotropism. Different environments support different living organisms that are adapted to different regions of the Earth. Students learn that all organisms obtain energy, get rid of wastes, grow, and reproduce. All living organisms are made up of smaller units called cells.

Students will also investigate earth and space phenomena. Earth and space phenomena can be observed in a variety of settings. Students will also investigate characteristics of Earth and relationships of objects in our solar system that allow life to exist.

SCIENCE ALT

Grade Level:

Prerequisite:

Course Length:

Placement by ARD Committee

Full year

Seventh grade science ALT focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand living systems and how they interact with the nonliving factors in the environment.

Matter and energy are conserved throughout living systems. Organic compounds are composed of carbon and other elements that are recycled due to chemical changes that rearrange the elements for the particular needs of that living system. Force, motion, and energy are observed in living systems and the environment in several ways such as, interactions between muscular and skeletal system, the direction and growth of seedlings, turgor pressure, and geotropism. Different environments support different living organisms that are adapted to different regions of the Earth. Students learn that all organisms obtain energy, get rid of wastes, grow, and reproduce. All living organisms are made up of smaller units called cells.

Students will also investigate earth and space phenomena. Earth and space phenomena can be observed in a variety of settings. Students will also investigate characteristics of Earth and relationships of objects in our solar system that allow life to exist.

Science

SCIENCE CO-TEACH

Grade Level: 8
Prerequisite: Placement by ARD Committee, Grade 7
Course Length: Full year

Eighth grade science will primarily focus on earth and space science. Students will recognize that matter is composed of atoms. Lab activities will allow students to demonstrate evidence of chemical reactions. Students will experiment with the relationship between forces and motion through the study of Newton's three laws and how these forces relate to geologic processes and astronomical phenomena. Students will identify the role of natural events in altering Earth systems. They will interpret land and erosional features on topographic maps. In studies of living systems, students will explore the interdependence between these systems. Interactions between organisms in ecosystems, including producer/consumer, predator/prey, and parasite/host relationships, are investigated in aquatic and terrestrial systems.

SCIENCE MTI

Grade Level: 8
Prerequisite: Placement by ARD Committee, Grade 7
Course Length: Full year

Science MTI focuses on the 8th grade science curriculum in conjunction with individualized goals and objectives necessary to understand earth and space science. Students will recognize that matter is composed of atoms. Lab activities will allow students to demonstrate evidence of chemical reactions. Students will experiment with the relationship between forces and motion through the study of Newton's three laws and how these forces relate to geologic processes and astronomical phenomena. Students will identify the role of natural events in altering Earth systems. They will interpret land and erosional features on topographic maps. In studies of living systems, students will explore the interdependence between these systems. Interactions between organisms in ecosystems, including producer/consumer, predator/prey, and parasite/host relationships, are investigated in aquatic and terrestrial systems.

SCIENCE ALT

Grade Level: 8
Prerequisite: Placement by ARD Committee, Grade 7
Course Length: Full year

Eighth grade science ALT focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand earth and space science. Students will recognize that matter is composed of atoms. Lab activities will allow students to demonstrate evidence of chemical reactions. Students will experiment with the relationship between forces and motion through the study of Newton's three laws and how these forces relate to geologic processes and astronomical phenomena. Students will identify the role of natural events in altering Earth systems. They will interpret land and erosional features on topographic maps. In studies of living systems, students will explore the interdependence between these systems. Interactions between organisms in ecosystems, including producer/consumer, predator/prey, and parasite/host relationships, are investigated in aquatic and terrestrial systems.

Social Studies

SOCIAL STUDIES-WORLD CULTURES AND GEOGRAPHY CO-TEACH

Grade Level: 6
Prerequisite: Placement by ARD Committee
Course Length: Full year

The World Cultures and Geography course provides opportunities for students to study people, places, and societies of the contemporary world. Students will gain a deeper understanding of the many regions around the world and compare institutions common to all societies such as government, education, and religious institutions. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. The course design also helps students explain how the level of technology affects the development of various societies and identify different points of view about events.

SOCIAL STUDIES-WORLD CULTURES AND GEOGRAPHY MTI**Grade Level:****6****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

Social Studies MTI focuses on the 6th grade Social Studies curriculum in conjunction with individualized goals and objectives necessary to understand many regions around the world and compare institutions common to all societies such as government, education, and religious institutions. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. The course design also helps students explain how the level of technology affects the development of various societies and identify different points of view about events.

SOCIAL STUDIES-WORLD CULTURES AND GEOGRAPHY ALT**Grade Level:****6****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

Social Studies ALT focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand the study of people, places, and societies of the contemporary world. Students will gain a deeper understanding of the many regions around the world and compare institutions common to all societies such as government, education, and religious institutions. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. The course design also helps students explain how the level of technology affects the development of various societies and identify different points of view about events.

SOCIAL STUDIES-TEXAS HISTORY AND GEOGRAPHY CO-TEACH**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

Texas History focuses on the 7th grade Social Studies curriculum. The design of this class provides opportunities for students to study the heritage and legacy of Texas from early days to present. Major events, people, issues, and conflicts provide a framework for analyzing the development of Texas culture. These include early inhabitants, Spanish colonization, independence from Mexico, nationhood, statehood, and the significance of Texas in United States policy and culture. Historical content reflects the concept of confluence of cultures in which people of various backgrounds and traditions, speaking different languages, came together in a new country and built a republic and later a state.

Students will investigate the interaction of man and the environment including regional geography, land and water use, and the processes of ecological change occurring today.

This course design explores two fundamental understandings of Texas history: scientific discoveries and technological innovations have had an important impact on the political, economic, and social development of Texas; and the economy of Texas is interdependent with that of the United States and that of other nations of the world.

SOCIAL STUDIES-TEXAS HISTORY AND GEOGRAPHY MTI**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

Texas History and Geography MTI focuses on the 7th grade Social Studies curriculum in conjunction with individualized goals and objectives necessary to understand the study of the heritage and legacy of Texas from early days to present. Major events, people, issues, and conflicts provide a framework for analyzing the development of Texas culture. These include early inhabitants, Spanish colonization, independence from Mexico, nationhood, statehood, and the significance of Texas in United States policy and culture. Historical content reflects the concept of confluence of cultures in which people of various backgrounds and traditions, speaking different languages, came together in a new country and built a republic and later a state.

Students will investigate the interaction of man and the environment including regional geography, land and water use, and the processes of ecological change occurring today.

This course design explores two fundamental understandings of Texas history: scientific discoveries and technological innovations have had an important impact on the political, economic, and social development of Texas; and the economy of Texas is interdependent with that of the United States and that of other nations of the world.

SOCIAL STUDIES-TEXAS HISTORY AND GEOGRAPHY ALT**Grade Level:****7****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

Texas History and Geography ALT focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand the study of the heritage and legacy of Texas from early days to present. Major events, people, issues, and conflicts provide a framework for analyzing the development of Texas culture. These include early inhabitants, Spanish colonization, independence from Mexico, nationhood, statehood, and the significance of Texas in United States policy and culture. Historical content reflects the concept of confluence of cultures in which people of various backgrounds and traditions, speaking different languages, came together in a new country and built a republic and later a state.

Students will investigate the interaction of man and the environment including regional geography, land and water use, and the processes of ecological change occurring today.

This course design explores two fundamental understandings of Texas history: scientific discoveries and technological innovations have had an important impact on the political, economic, and social development of Texas; and the economy of Texas is interdependent with that of the United States and that of other nations of the world.

SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP CO-TEACH**Grade Level:****8****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

U.S. History Co-Teach focuses on introducing the first half of our national history, heritage, and legacy. Students will study the second half in high school. The span of this course includes the earliest beginnings of our nation, the steps forward of the early republic, and the significant issues and events through the Civil War and Reconstruction. Early American history emphasizes the development and structure of the Constitution, as well as the relationship of the Bill of Rights to the nature of citizenship in the democracy of the United States. Emphasis on the multicultural nature of the American people demonstrates the value and contributions of a diverse society. Within this historical context, students will study the role of geography, immigration, and emerging capitalism as these and other various forces shaped our national identity. This course design explores two fundamental understandings of early American history: several important reasons contributed to the growth of representative government in the United States; and citizens of the United States have both rights and responsibilities.

SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP MTI**Grade Level:****8****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

U.S. History focuses on the 8th grade Social Studies curriculum in conjunction with individualized goals and objectives necessary to understand the first half of our national history, heritage, and legacy. Students will study the second half in high school. The span of this course includes the earliest beginnings of our nation, the steps forward of the early republic, and the significant issues and events through the Civil War and Reconstruction. Early American history emphasizes the development and structure of the Constitution, as well as the relationship of the Bill of Rights to the nature of citizenship in the democracy of the United States. Emphasis on the multicultural nature of the American people demonstrates the value and contributions of a diverse society. Within this historical context, students will study the role of geography, immigration, and emerging capitalism as these and other various forces shaped our national identity. This course design explores two fundamental understandings of early American history: several important reasons contributed to the growth of representative government in the United States; and citizens of the United States have both rights and responsibilities.

SOCIAL STUDIES-UNITED STATES HISTORY AND CITIZENSHIP ALT**Grade Level:****8****Prerequisite:****Placement by ARD Committee****Course Length:****Full year**

U.S. History focuses on pre-requisite skills in conjunction with individualized goals and objectives necessary to understand the first half of our national history, heritage, and legacy. Students will study the second half in high school. The span of this course includes the earliest beginnings of our nation, the steps forward of the early republic, and the significant issues and events through the Civil War and Reconstruction. Early American history emphasizes

the development and structure of the Constitution, as well as the relationship of the Bill of Rights to the nature of citizenship in the democracy of the United States. Emphasis on the multicultural nature of the American people demonstrates the value and contributions of a diverse society. Within this historical context, students will study the role of geography, immigration, and emerging capitalism as these and other various forces shaped our national identity. This course design explores two fundamental understandings of early American history: several important reasons contributed to the growth of representative government in the United States; and citizens of the United States have both rights and responsibilities.

OCCUPATIONAL PREP

Grade Level:	6-8
Prerequisite:	Placement by ARD Committee
Course Length:	Full year

Occupational Preparation investigates the areas of job skills and interests; the application and interview process; understanding the job experience; quality employment skills; employment policies; procedures; rights and responsibilities; positive productive work experiences; work ethic and job attitudes; co-worker, supervisor, and customer relationships; safety; self-initiative, follow-through, and best efforts are skills applied in the process for a positive work experience.

DAILY LIVING SKILLS

Grade Level:	6-8
Prerequisite:	Placement by ARD Committee
Course Length:	Full year

Daily Living Skills is designed to help students develop skills related to everyday survival. Activities involve instruction in the areas of functional reading and math, personal social skills, communications, and domestic skills.

STATE ASSESSMENT

STAAR (State of Texas Assessment of Academic Readiness) is the state's student testing program. Middle School students will be tested in the following core subjects:

Grade 6: Reading; Math

Grade 7: ELA - Reading & Writing; Math

Grade 8: ELA - Reading; Math; Science; Social Studies

The STAAR will be more rigorous than previous state tests. It will contain more test items and the majority of the test will assess material students studied that year. The test have a time limit. Unless a student is eligible for an accomodation, each student will have four hours to complete each assessment.

If a student enrolled in grade 8 is taking a course for which there is a high school STAAR End-of-Course assessment, the student will be required to take the applicable STAAR EOC assessment.

For further information on state assessment please access the following website:

<https://tea.texas.gov/student.assessment/>

SSI EIGHTH GRADE PROMOTION REQUIREMENTS

For eighth grade students the Student Success Initiative promotion requirements will include the use of the state assessment results. Promotion decisions will be based on district policy and state laws.