

# **Will Rogers College Middle School Enrollment Handbook 2024 - 2025**



## **Home of the Ropers!**

Will Rogers High School has a rich history in academics, activities, and athletics that began in 1939 and still continues today with the forward thinking transformation into Will Rogers College High School and Middle School. With a varied and innovative curriculum, all students find courses and activities that challenge and interest them. College and Career Readiness is a priority as students set high expectations and strive to excel in a challenging and rigorous academic environment. While completing their high school requirements, upperclassmen are required to participate in postsecondary coursework either through dual enrollment at Tulsa Community College, AP courses, or Tulsa Technology Center. TCC courses are located on the Will Rogers College High School campus, so no transportation is necessary! Students have the unique opportunity to graduate with a high school diploma and earn college credit, if they meet the Tulsa Community College criteria for entering the program in their junior or senior year. All students will earn a minimum of 24 credit hours for graduation. This revolutionary opportunity is available only at Will Rogers College High School.

Website Link: [rogers.tulaschools.org](https://rogers.tulaschools.org)

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Tulsa, OK 74112  
918-833-9000  
Cindy Largent, Principal

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## Principal, Cindy Largent Williams

<u>Assistant Principals</u> Kendra Bramlett Jeanette Maness Shaun Moseman Phillips, Jennifer <u>Chandler, Sylvia</u>	<u>Counselors</u> Tammy Starks (6 <sup>th</sup> - 7 <sup>th</sup> ) Xiang Ellis (8 <sup>th</sup> ) Mary Whelan (9 <sup>th</sup> ) Erica Walker (10 <sup>th</sup> - 11 <sup>th</sup> ) Sara Collins (12 <sup>th</sup> ) Taylor Pride (College & Career)
<u>Attendance Dean</u> Darin Schmidt	
<u>Middle School Deans</u> Emily Riggs, William Coleman	<u>High School Dean</u> Phil Park

<u><b>Whom do I contact about????</b></u> If you have a specific question about certain areas of the school, the following list may be of help in determining whom to contact.	
<b>A question concerning:</b>	<b>Call 833-9000 and ask for:</b>
Absence from school	Attendance Clerks
Academic concerns	Counselor or Teacher
Athletics	Athletic Director
Bus Schedules/Pick Up/Drop Off	Transportation Department (833-8100)
Lunch questions	Cafeteria Manager
Curriculum questions	Counselors
Discipline	Deans
Grading	Classroom teacher
Excessive absences/tardies	Deans
First aid/Medication	Nurse
Lost and found	Deans
Parent Conferences	Counselor
Transcripts	Enrollment Center

For additional information, please visit our website at  
[rogers.tulsaschools.org](http://rogers.tulsaschools.org)

## Information on testing.....

### Scholastic Assessment Inventories:

**SMI:** Scholastic Math Inventory (SMI) is a computer-adaptive assessment that monitors growth through Algebra I. Fast and easy to use, SMI provides immediate data for effective instruction.

**SRI:** Scholastic Reading Inventory (SRI) is a reading assessment program which provides immediate, actionable data on students' reading levels and growth over time. *SRI* helps educators differentiate instruction, make meaningful interventions, forecast growth toward grade-level state tests, and demonstrate accountability.

**Lexile:** A Lexile measure is a valuable piece of information about either an individual's reading ability or the difficulty of a text, like a book or magazine article. A student gets his or her **Lexile reader measure** from a reading test or program. If a student receives an 880L on her reading test, she is an 880 Lexile reader. A Lexile reader measure can range from below 200L for beginning readers to above 1600L for advanced readers. Readers who score at or below 0L receive a BR for Beginning Reader. Lexile measures help a reader find books and articles at an appropriate level of difficulty, and determine how well that reader will likely comprehend a text. Lexile measures can be used to monitor a reader's growth in reading ability over time.

**ACT:** The American College Testing Program (ACT) is offered on the October, December, February and April national test dates. All colleges and universities in Oklahoma use the highest composite score for admission and scholarship purposes. The ACT is designed to assess each student's general educational development and ability to complete college level work. Students are encouraged to take the ACT for the first time during April or June of the junior year, and even earlier in the year if considering selective colleges, concurrent enrollment, or competitive scholarship programs. Preparatory workshops are offered at several surrounding colleges for a fee. In addition to the test scores, ACT provides a CAREER PLANNING REPORT based on the student's interests, goals, and achievement.

**SAT:** The Scholastic Aptitude Test (SAT) is a college entrance exam required by many colleges outside of Oklahoma and a growing number of scholarship programs. It measures verbal and math abilities developed over many years. SAT registration forms and references to determine averages or minimum scores for admittance to specific colleges are available in the Counseling Center. It is recommended that students planning to apply to selective colleges take their first SAT during the spring of the junior year. Some colleges require SAT Achievement tests in addition to the basic SAT. Be sure to check if a college requires these SAT II's, the number of achievement tests required, and the specific tests required. Plan well in advance so that you do not have to take these tests on a single test date.

**PSAT/NMSQT:** The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is offered only once a year in October. Sophomores, Juniors, and Freshmen may elect to take the test; however, a student **MUST** take the test during the **Junior** year to qualify for National Merit Scholarships. Through this program, students are also given an opportunity to participate in the Student Search Service which colleges may use to send information about educational and financial aid opportunities. Register in September to take the PSAT/NMSQT.

**AP TESTS:** These are administered at the end of the course each spring. A score of 3 or better is required to be eligible for college credit or advanced placement in college classes. Students are not required to take the test to obtain a grade in the particular class, nor are they required to take the class to take the test. There is a fee for each AP examination.



**MAP TESTING:** These tests are administered periodically during the year to measure a student's growth in Math and Reading through the school year.

## **Sixth Grade Core Classes**

**Language Arts I** (1 Credit Type = Core)

**Course Number:** 21010

**Grade:** 6

**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 6th grade texts—both fictional and informational. They will express ideas effectively in writing for a variety of purposes and audiences. Through their writing, students will practice, enhance, and maintain many different skills—including sentence-building and paragraph development, vocabulary and word choice, grammar and mechanics, and editing and revision. Students will conduct research and organize information. They will demonstrate listening and speaking skills. Work in the 6th grade English class will build on and deepen the skills that were practiced in previous language arts work at the elementary level.

**Advanced Language Arts I** (1 Credit Type = Core)

**Course Number:** 21015

**Grade:** 6

**Prerequisite:** *None*

Students in an advanced class will practice all of the same skills as students in non-advanced classes, but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will build and enhance their reading and analysis skills with complex fictional and informational texts. They will also conduct research and practice listening and speaking skills. Advanced students will have an awareness of the AP exam, through modified exam questions and discussion. They will deepen their writing skills—including grammar, vocabulary, paragraphs, and revision—as they write in the same modes as other students. The expectation is that the writing of advanced students will increase in complexity as they near the AP course. Work in the 6th grade Advanced English class will build on and deepen skills that were practiced in previous language arts as part of a continuum of skills that will lead toward successful participation in AP courses and other challenging work.

**World Geography: Western Hemisphere** (1 Credit Type = Core)

**Course Number:** 22010

**Grade:** 6

**Prerequisite:** *None*

This course combines both World Cultures and World Geography focusing on the Western Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will explore how spatial patterns form, change over time, and relate to one another through a two-year examination of the regions of the world with the Western Hemisphere being studied in Grade 6 followed by the Eastern Hemisphere in Grade 7. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Western Hemisphere is treated as the areas of North America, South America, and the Caribbean.

**Advanced World Geography: Western Hemisphere** (1 Credit Type = Core)

**Course Number:** 22015

**Grade:** 6

**Prerequisite:** *None*

The focus of this course is the same as the World Geography Western Hemisphere course but TPS JH/MS Courses 2018 2019 33 Advanced students will move to a deeper level of complexity. Any student willing to make the

commitment to this level of work is welcome to enroll in the course. Students will be required to research and write essays that demonstrate their deep knowledge and understanding of geographic themes. Advanced students will have an awareness of the various AP Social Studies exams through document analysis, modified test questions, map examinations, and class discussions. This course combines both World Cultures and World Geography focusing on the Western Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will explore how spatial patterns form, change over time, and relate to one another through a two-year examination of the regions of the world with the Western Hemisphere being studied in Grade 6 followed by the Eastern Hemisphere in Grade 7. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Western Hemisphere is treated as the areas of North America, South America, and the Caribbean.

**Mathematics I** (1 Credit Type = Core)

**Course Number:** 24010

**Grade:** 6

**Prerequisite:** *None*

Once a student has completed his/her study of this course this course, he/she will...

- Understand ratio concepts and use ratio reasoning to solve problems.
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.
- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Develop understanding of statistical variability.

The utilization of the computer lab is an extension of the mathematics curriculum. The Lab offers one-on-one instruction, small-group instruction, and technology-enhanced learning. Students will also be able to model the concepts taught in this course with a variety of tools. The specific standards are described in the Oklahoma Academic Standards for Mathematics | 6th Grade.

**Advanced Mathematics I** (1 Credit Type = Core)

**Course Number:** 24015

**Grade:** 6

**Prerequisite:** *None*

The units of study include: algebraic concepts, common fractions, statistics, decimal operations, geometry and measurement. All concepts and skills are presented in the context of real-life problem-solving that requires the use of reasoning, communication, and logic. Students investigate mathematical concepts through a variety of experiences. This revised curriculum is based on preparing as many students as possible for Algebra I by eighth grade. Students will be required to produce interdisciplinary projects that will involve them in hands-on application of skills and concepts learned each quarter. Students will be able to use these projects to help answer essential questions.

**Science I** (1 Credit Type = Core)

**Course Number:** 23010

**Grade:** 6

**Prerequisite:** *None*

The focus of Science 1 is based on the integration of science and engineering practices, crosscutting concepts, and disciplinary core ideas. Students will be required to complete scientific investigations and evidence based reasoning to demonstrate their knowledge and understanding of the principles and science concepts related to physical science, earth and space science, and life science included in the Oklahoma Academic Standards-Science for 6th grade science.

**Advanced Science I** (1 Credit Type = Core)**Course Number:** 23015**Grade:** 6**Prerequisite:** *None*

The focus of this course is the same as the Science 1 course but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will be required to complete scientific research-based projects, investigate, and write evidence based essays that demonstrate their deep knowledge and understanding of the relationships that exist between science and engineering practices, crosscutting concepts, and disciplinary core ideas. Advanced students will have an awareness of the various AP Science exams through investigation, scientific research, modified test questions, and class discussions. Students will use scientific reasoning as a tool for understanding scientific concepts and how those concepts apply to the world around them. In grade 6, students will explore the physical science, life science, and earth and space science concepts included in the Oklahoma Academic Standards-Science for 6th grade science.

**Advanced Reading I** (1 Credit Type = Required Elective)**Course Number:** 21215**Grade:** 6**Prerequisite:** *None*

This curriculum content is based on novels and/or *Great Books*. Vocabulary study and critical literacy provide opportunities for students to interact with words and concepts to construct appropriate meaning.

## **Sixth Grade Elective Classes**

**Band I** (1 Credit Type = Elective)

**Course Number:** 25311

**Grade:** 6

**Prerequisite:** None

In this course, attention is focused on introductory music fundamentals, technical achievement, and acquisition of performance and rehearsal skills through exposure to a variety of literature. TPS JH/MS Courses 2018-2019 39 Participation is open to all students who wish to extend their knowledge, understanding, and appreciation of music by learning to play a wind, string, or percussion instrument. No previous experience is required. Students enrolled should be capable of completing the requirement for Proficiency Level I. After school rehearsals and performances may be required of students. The beginning student is usually expected to furnish his or her own instrument.

**Orchestra I** (1 Credit Type = Elective)

**Course Number:** 25312

**Grade:** 6

**Prerequisite:** None

This is the beginning level of a performing ensemble for students wishing to play a string instrument - violin, viola, cello, or bass. Students will gain a basic understanding and appreciation for classical music through lessons in basic theory, history, and playing techniques. Emphasis will be on basic playing and listening skills to foster each student's capacity for self-expression in playing a string instrument in a group as well as alone. After school rehearsals and performances may be required of students.

**Chorus I** (1 Credit Type = Required Elective)

**Course Number:** 25313

**Grade:** 6

**Prerequisite:** None

This course is designed to incorporate the language of music into choral performances. Instructional focus will be on sight reading, mixed part singing, and proper vocal technique. Students will perform a variety of music including that from European, Native American, African American, Hispanic, and Asian cultures as well as major periods of music history and styles. Students will learn how to appreciate music extending their listening beyond music currently familiar to them. Emphasis is placed on the acquisition of skills necessary to meet high standards of music performance. After school rehearsals and performances may be required of students.

**Health and Physical Education I** (1/2 Credit Type = Required Elective)

**Course Number:** 25110

**Grade:** 7

**Prerequisite:** None

Students will apply concepts and principles to the learning and development of large and small motor skills. Students will demonstrate teamwork, self-confidence, and pride while playing sports and activities. Students will achieve and maintain a health-enhancing level of physical fitness, demonstrate responsible personal and social behavior in physical activity settings, and develop an understanding and respect for differences among people in sports that can be utilized throughout a lifetime.

**Introduction to Drama** (1/2 Credit Type = Elective)

**Course Number:** 25344



**Grade: 6**

**Prerequisite: None**

This introductory course constitutes an exploration of Drama. All class members are involved in group or individual participation in scenes, stage movement, characterization, improvisation, oral interpretation, pantomime, and critique. Participation in public performance is an important element of this course.

**Exploratory for World Language - French** (1/2 Credit Type = Elective)

**Course Number: 25410**

**Grade: 6**

**Prerequisite: None**

These courses are designed to introduce middle school students to world language study. The primary languages studied will be French. This course also includes an overview of the geography, history, and culture of each language. Students will receive be introduced to language learning strategies, that provide them with enough background to select a language for future study.

**Exploratory for World Language - Russian** (1/2 Credit Type = Elective)

**Course Number: 25420**

**Grade: 6**

**Prerequisite: None**

These courses are designed to introduce middle school students to world language study. The primary languages studied will be Russian. This course also includes an overview of the geography, history, and culture of each language. Students will receive be introduced to language learning strategies, that provide them with enough background to select a language for future study.

**Exploratory for World Language - Spanish** (1/2 Credit Type = Elective)

**Course Number: 25430**

**Grade: 6**

**Prerequisite: None**

These courses are designed to introduce middle school students to world language study. The primary languages studied will be Spanish. This course also includes an overview of the geography, history, and culture of each language. Students will receive be introduced to language learning strategies, that provide them with enough background to select a language for future study.

**Exploratory for World Language - German** (1/2 Credit Type = Elective)

**Course Number: 25440**

**Grade: 6**

**Prerequisite: None**

These courses are designed to introduce middle school students to world language study. The primary languages studied will be German. This course also includes an overview of the geography, history, and culture of each language. Students will receive be introduced to language learning strategies, that provide them with enough background to select a language for future study.

**Health I** (1/2 Credit Type = Elective)

**Course Number: 25101**

**Grade: 6**

**Prerequisite: None**

In these courses, students will study the physical, chemical, and personality changes in the body caused by glands, hormones, stress, aging and puberty. They will study the methods and procedures involved in good decision-making. They will understand the importance of communication in dealing with the changes, the proper uses of over the counter and prescription drugs and the hazards associated with misuse and abuse. They will also understand the importance of proper dental care in maintaining health; and study different types of exercise and how they relate to overall health. They will also learn that there are certain nutritional requirements for the best growth and development of an individual.

**Gateway to Technology I** (1/2 Credit Type = Required Elective)**Course Number:** 25960**Grade:** 6**Prerequisite:** *None*

This course is a cutting-edge program that addresses the interest and energy of middle school students, while incorporating national standards in math, science, and technology. It is activity oriented to show students how technology is used in engineering to solve everyday problems. The math, science, and technology integrated program helps students develop and hone skills in middle school that enable them to enter the high school program with knowledge and skills for success in pre-engineering. In this foundational level class students will learn about the science of technology.

**Art I** (1/2 Credit Type = Elective)**Course Number:** 25310**Grade:** 6**Prerequisite:** *None*

This course will engage students in the beginning understanding of the elements and principles of TPS JH/MS Courses 2018-2019 44 design. Students will produce original works of art using various media and materials by developing skills of creativity and observation. An introduction to art history and culture will include cultural and ethnic traditions, which have influenced the visual arts including European, American, Native American, African American, Hispanic, and Asian traditions. An emphasis on the appreciation of art will focus on discipline, thoughtfulness, and care of art works.

**Computers I** (1/2 Credit Type = Elective)**Course Number:** 25341**Grade:** 6**Prerequisite:** *None*

This course introduces students to the computer and allows them to gain computer skills that will serve them throughout their school years, in their personal lives, and in their careers. Students will learn proper keyboarding skills and techniques, using a variety of software packages. An introduction to word processing is also included.

**Spanish Language Arts I** (1 Credit Type = Elective)**Course Number:** 25431**Grade:** 6**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 6<sup>th</sup> grade Spanish texts – both fictional and informational. They will express ideas effectively in writing in Spanish for a variety of purposes and audiences. Through writing, they will TPS JH/MS Courses 2018-2019 58 practice and enhance skills in grammar, spelling, sentence and paragraph development, mechanics editing and revising. They will demonstrate listening and speaking skills in Spanish.

**Gifted & Talented I** (1 Credit Type = Elective)**Course Number:** 25511**Grade:** 6**Prerequisite:** *None*

In this course students identified as gifted or talented will develop their ability in creative thinking and their capacities for fluency, flexibility, originality and elaboration. Also students will develop their ability to use higher level and creative thinking skills.

**Mastering the Middle Grades** (1 Credit Type = Elective)**Course Number:** 26102**Grade:** 6**Prerequisite:** *None*

Mastering the Middle Grades prepares students for the academic and social challenges of middle school through explicit instruction in crucial high school prep and study skills not often covered in their academic courses.

## **Seventh Grade Core Classes**

**Language Arts 2** (1 Credit Type = Core)

**Course Number:** 21020

**Grade:** 7

**Prerequisite:** *Language Arts 1 or Advanced Language Arts 1*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 7th grade texts—both fictional and informational. They will express ideas effectively in writing for a variety of purposes and audiences. Through their writing, students will practice, enhance, and maintain many different skills—including sentence-building and paragraph development, vocabulary and word choice, grammar and mechanics, and editing and revision. Students will conduct research and organize information. They will demonstrate listening and speaking skills. Work in the 7th grade English class will build on and deepen the skills that were practiced in previous language arts work at the elementary level., evaluate, and compose visual messages. Students will be placed in Language Arts classes based on their Lexile scores.

**Advanced Language Arts 2** (1 Credit Type = Core)

**Course Number:** 21025

**Grade:** 7

**Prerequisite:** *Language Arts 1 or Advanced Language Arts 1*

Students in an advanced class will practice all of the same skills as students in non-advanced classes, but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will build and enhance their reading and analysis skills with complex fictional and informational texts. They will also conduct research and practice listening and speaking skills. Advanced students will have an awareness of the AP exam, through modified exam questions and discussion. They will deepen their writing skills—including grammar, vocabulary, paragraphs, and revision—as they write in the same modes as other students. The expectation is that the writing of advanced students will increase in complexity as they near the AP course. Work in the 7th grade Advanced English class will build on and deepen skills that were practiced in previous language arts as part of a continuum of skills that will lead toward successful participation in AP courses and other challenging work.

**World Geography: Eastern Hemisphere** (1 Credit Type = Core)

**Course Number:** 22020

**Grade:** 7

**Prerequisite:** *None*

This course combines both World Cultures and World Geography focusing on the Eastern Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will focus on spatial patterns of human and physical characteristics of the world and its peoples, and will explore how these patterns form, change over time, and relate to one another in the Eastern Hemisphere. This is the second half of the middle level geographic studies program. The Western Hemisphere was the focus of the Grade 6 portion. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Eastern Hemisphere is treated as the areas of Africa, Asia, Europe, Australia, and Oceania.

**Advanced World Geography: Eastern Hemisphere** (1 Credit Type = Core)

**Course Number:** 22025

**Grade:** 7

**Prerequisite:** *None*

The focus of this course is the same as the World Geography Eastern Hemisphere course but Advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will be required to research and write essays that demonstrate their deep knowledge and understanding of geographic themes. Advanced students will have an awareness of the various AP Social Studies exams through document analysis, modified test questions, map examinations, and class discussions. This course combines both World Cultures and World Geography focusing on the Eastern Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will focus on spatial patterns of human and physical characteristics of the world and its peoples, and will explore how these patterns form, change over time, and relate to one another in the Eastern Hemisphere. This is the second half of the middle level geographic studies program. The Western Hemisphere was the focus of the Grade 6 portion. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Eastern Hemisphere is treated as the areas of Africa, Asia, Europe, Australia, and Oceania.

**Science 2** (1 Credit Type = Core)

**Course Number:** 23020

**Grade:** 7

**Prerequisite:** *None*

This course is based on principles and concepts of physical, earth/space, and life sciences. In studying physical science students investigate properties and physical changes in matter. In studying earth/space science students explore the structures of the earth system, its atmosphere, weather, and climate. In studying life science, students examine structure and function in living systems, and the reproduction, heredity, behavior, and adaptations of organisms using the Oklahoma Academic Science Standards in a laboratory setting.

**Advanced Science 2** (1 Credit Type = Core)

**Course Number:** 23025

**Grade:** 7

**Prerequisite:** *None*

The focus of this course is the same as the Science2 course but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will be required to complete scientific research-based projects, investigate, and write evidence based essays that demonstrate their deep knowledge and understanding of the relationships that exist between science and engineering practices, crosscutting concepts, and disciplinary core ideas. Advanced students will have an awareness of the various AP Science exams through investigation, scientific research, modified test questions, and class discussions. Students will use scientific reasoning as a tool for understanding scientific concepts and how those concepts apply to the world around them. In grade 7, students will explore the physical science, life science, and earth and space science concepts included in the Oklahoma Academic Standards-Science for 7th grade science.

**Math 2** (1 Credit Type = Core)

**Course Number:** 24020

**Grade:** 7

**Prerequisite:** *Mathematics 1*

Students will work with the four basic operations of addition, subtraction, multiplication, and division as they relate to whole numbers, decimals, fractions, and integers. The class also covers other concepts, such as ratio and proportion, averages, percentages, statistics, equations, geometry, probability, and graphing in the coordinate plane. Problem-solving will also be emphasized throughout the year.

**Pre - Algebra 7** (1 Credit Type = Core)

**Course Number:** 24025

**Grade:** 7

**Prerequisite:** *None*

In this course the following concepts and skills are addressed: equations, inequalities, rational numbers, exponents, surface area, volume, ratio and proportion, formulas, and statistics, graphical representations, linear functions, the Pythagorean theorem, sampling, and measures of central tendency.

**Advanced Reading 2** (1 Credit Type = Elective)

**Course Number:** 21225

**Grade: 7**

**Prerequisite: None**

This course is based on novels and/or Great Books. As students evaluate and analyze events, character traits, conflicts and literary elements, higher-level thinking is practiced. Students interact with the text by using strategies including note taking, listening for a purpose, evaluation, and responding creatively.

## **Seventh Grade Elective Classes**

**Band 2** (1 Credit Type = Elective)

**Course Number:** 25321

**Grade: 7**

**Prerequisite:** *Band Director Approval preferred but not required*

This course is a continuation of the technical training started in the beginning class. Emphasis is placed on the acquisition of skills necessary to meet high standards of music performance. The student is exposed to a wide variety of band literature. After school rehearsals and performances may be required of students. Participation is open to all students who successfully complete Band 1 or have a successful audition.

**Chorus 2** (1 Credit Type = Elective)

**Course Number:** 25323

**Grade: 7**

**Prerequisite: None**

This course is designed to incorporate the language of music into choral performances. Students will learn to notate and identify basic notational symbols, apply and use correct musical terminology to selections, and perform expressively within specified guidelines. Students will recognize the development of music from an historical and cultural perspective including those from European, Native American, African American, Hispanic, and Asian cultures as well as major periods of music history and styles. Students will learn to appreciate music extending their listening beyond music currently familiar to them.

**Health and Physical Education 2** (1/2 Credit Type = Required Elective)

**Course Number:** 25120

**Grade: 7**

**Prerequisite: None**

Students will apply concepts and principles to the learning and development of large and small motor skills. Students will demonstrate teamwork, self-confidence, and pride while playing sports and activities. Students will achieve and maintain a health-enhancing level of physical fitness, demonstrate responsible personal and social behavior in physical activity settings, and develop an understanding and respect for differences among people in sports that can be utilized throughout a lifetime.

**Introduction to Drama** (1/2 Credit Type = Elective)

**Course Number:** 25344

**Grade: 7**

**Prerequisite: None**

This introductory course constitutes an exploration of Drama. All class members are involved in group or individual participation in scenes, stage movement, characterization, improvisation, oral interpretation, pantomime, and critique. Participation in public performance is an important element of this course.

**Orchestra 2** (1 Credit Type = Elective)

**Course Number:** 25322

**Grade: 7**

**Prerequisite: None**

(Strings I) - This is the beginning level of a performing ensemble for students wishing to play a string instrument - violin, viola, cello, or bass. Students will gain a basic understanding and appreciation for classical music through lessons in basic theory, history, and playing techniques. Emphasis will be on basic playing and listening skills to foster each student's capacity for self-expression in playing a string instrument in a group as well as alone.

**Introduction to French** (1/2 Credit Type = Elective)

**Course Number:** 25412

**Grade:** 7

**Prerequisite:** *None*

In this course, students will begin the sequential development of all communication skills. They will present to audiences of listeners and readers. In addition, culture study is an integral part of meaningful language use.

**Introduction to Russian** (1/2 Credit Type = Elective)

**Course Number:** 25415

**Grade:** 7

**Prerequisite:** *None*

In this course, students will begin the sequential development of all communication skills. They use the language for oral and written communication, interpretation of spoken and written information, and presentations to audiences of listeners and readers. In addition, culture is an integral part of meaningful language use.

**Introduction to Spanish** (1/2 Credit Type = Elective)

**Course Number:** 25414

**Grade:** 7

**Prerequisite:** *None*

In this introductory course, students will develop basic and practical vocabulary, form simple phrases and exchange ideas, comprehend messages in a Spanish only environment, and develop an appreciation and understanding of Latino culture, society and art.

**Introduction to German** (1/2 Credit Type = Elective)

**Course Number:** 25413

**Grade:** 7

**Prerequisite:** *None*

In this introductory course, students will develop basic and practical vocabulary, form simple phrases and exchange ideas, comprehend messages in a German only environment, and develop an appreciation and understanding of German culture, society and art.

**Health 2** (1/2 Credit Type = Elective)

**Course Number:** 25102

**Grade:** 7

**Prerequisite:** *None*

In these courses, students will study the physical, chemical, and personality changes in the body caused by glands, hormones, stress, aging and puberty. They will study the methods and procedures involved in good decision-making. They will understand the importance of communication in dealing with the changes, the proper uses of over the counter and prescription drugs and the hazards associated with misuse and abuse. They will also understand the importance of proper dental care in maintaining health; and study different types of exercise and how they relate to overall health. They will also learn that there are certain nutritional requirements for the best growth and development of an individual.

**Gateway to Technology 2** (1/2 Credit Type = Elective)

**Course Number:** 25970

**Grade:** 7

**Prerequisite:** *None*



This course is a cutting-edge program that addresses the interest and energy of middle school students, while incorporating national standards in math, science, and technology. It is activity oriented to show students how technology is used in engineering to solve everyday problems. The math, science, and technology integrated program helps students develop and hone skills in middle school that enable them to enter the high school program with knowledge and skills for success in pre-engineering. This course will build on the skills learned in the Gateway to Technology I course and introduce students to electronics and design and modeling.

**Art 2** (1/2 Credit Type = Elective)

**Course Number:** 25320

**Grade:** 7

**Prerequisite:** *None*

The elements and principles of design will be examined in depth with the goal of aiding students in developing their own creative styles. Students will produce original works of art in both new and revisited media and materials. Students will identify and be familiar with a wide range of art works and understand their historical context. A study of art history and culture will include the art works from the following cultural traditions: European, American, Native American, African American, Hispanic and Asian. An emphasis on the appreciation of art will focus on artists and the discipline involved in the creation of original artwork. How that work is displayed and appropriately cared for will also be discussed.

**Computers 2** (1/2 Credit Type = Elective)

**Course Number:** 25342

**Grade:** 7

**Prerequisite:** *None*

This course addresses the quick and correct operation of computers and software while allowing students to gain confidence and skills necessary for learning more advanced computer applications. Students will be introduced to various software packages and learn responsible Internet usage. Keyboarding and basic academic skills are included in each unit.

**Spanish Language Arts 2** (1 Credit Type = Elective)

**Course Number:** 25432

**Grade:** 7

**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 7<sup>th</sup> grade Spanish texts – both fictional and informational. They will express ideas effectively in writing in Spanish for a variety of purposes and audiences. Through writing, they will practice and enhance skills in grammar, spelling, sentence and paragraph development, mechanics, editing and revising. They will demonstrate listening and speaking skills in Spanish.

**Gifted & Talented 2** (1 Credit Type = Elective)

**Course Number:** 25512

**Grade:** 7

**Prerequisite:** *None*

In this course students identified as gifted or talented will develop their ability in creative thinking and their capacities for fluency, flexibility, originality and elaboration. Also students will develop their ability to use higher level and creative thinking skills.

**Mastering the Middle Grades** (1 Credit Type = Elective)

**Course Number:** 26102

**Grade:** 7

**Prerequisite:** *None*

Mastering the Middle Grades prepares students for the academic and social challenges of middle school through explicit instruction in crucial high school prep and study skills not often covered in their academic courses.

## **8<sup>th</sup> Grade Core Classes**

**Language Arts 3** (1 Credit Type = Core)

**Course Number:** 21030

**Grade:** 8

**Prerequisite:** *Language Arts 1*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 8<sup>th</sup> grade texts—both fictional and informational. They will express ideas effectively in writing for a variety of purposes and audiences—preparing especially for the 8<sup>th</sup> grade state writing test. Through their writing, students will practice, enhance, and maintain many different skills—including sentence-building and paragraph development, vocabulary and word choice, grammar and mechanics, and editing and revision. Students will conduct research and organize information. They will demonstrate listening and speaking skills. Work in the 8th grade English class will build on and deepen the skills that were practiced in previous language arts work at the elementary level.

**Advanced Language Arts 3** (1 Credit Type = Core)

**Course Number:** 21035

**Grade:** 8

**Prerequisite:** *Language Arts 1*

Students in an advanced class will practice all of the same skills as students in non-advanced classes, but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will build and enhance their reading and analysis skills with complex fictional and informational texts. They will also conduct research and practice listening and speaking skills. Advanced students will have an awareness of the AP exam, through modified exam questions and discussion. They will deepen their writing skills—including grammar, vocabulary, paragraphs, and revision—as they write in the same modes as other students. The expectation is that the writing of advanced students will increase in complexity as they near the AP course. Work in the 8th grade Advanced English class will build on and deepen skills that were practiced in previous language arts as part of a continuum of skills that will lead toward successful participation in AP courses and other challenging work.

**United States History 1754 - 1877** (1 Credit Type = Core)

**Course Number:** 22030

**Grade:** 8

**Prerequisite:** *None*

The focus of the course in United States History for Grade 8 is the American Revolution through the Civil War and Reconstruction Eras (1754-1877). The student will describe and analyze the major causes, key events, and important personalities of the American Revolution. The student will examine in great depth the factors, events, documents, significant individuals, and political ideas that led to the formation of the United States of America. These will be pursued through a chronological study of the early national period, westward expansion, and the Civil War and Reconstruction Eras. Citizenship skills will focus upon the historic development and understanding of constitutional government in the United States. The student will continue to develop and put to use a variety of Social Studies Process and Literacy Skills. The student will need to analyze primary and secondary sources and interpret timelines, maps, charts, graphs, pictures, photographs and political cartoons. Research and writing play a pivotal role in this course.

**Advanced United States History 1754 - 1877** (1 Credit Type = Core)

**Course Number:** 22035

**Grade:** 8

**Prerequisite: None**

The course focus is the same as United States History, 1754-1887, but Advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. The Advanced student will have an awareness of the various AP exams through open ended exam questions, historical discussion and practice with document analysis and essays. The focus in United States History for Grade 8 is the American Revolution through the Civil War and Reconstruction Eras (1754-1877). The student will describe and analyze the major causes, key events, and important personalities of the American Revolution. The student will examine in great depth the factors, events, documents, significant individuals, and political ideas that led to the formation of the United States of America. These will be pursued through a chronological study of the early national period, westward expansion, and the Civil War and Reconstruction Eras. Citizenship skills will focus upon the historic development and understanding of constitutional government in the United States. The student will continue to develop and put to use a variety of Social Studies Process and Literacy Skills. The student will need to analyze primary and secondary sources and interpret timelines, maps, charts, graphs, pictures, photographs and political cartoons. Research and writing play a pivotal role in this course.

**Pre – Algebra** (1 Credit Type = Core)**Course Number:** 24035**Grade:** 8**Prerequisite: None**

In this course the following concepts and skills are addressed: equations, inequalities, rational numbers, exponents, surface area, volume, ratio and proportion, formulas, and statistics, graphical representations, linear functions, the Pythagorean theorem, sampling, and measures of central tendency.

**Algebra I HS/CR** (1 High School Credit Type = Core)**Course Number:** 25013**Grade:** 8**Prerequisite: Teacher Recommendation, High OCCT Scores**

This course is standards-based and embraces the use of technology to support and advance mathematical content. That content includes: number sense, algebraic operations, polynomials, exponents, expressions, functions and relations, linear functions and slope, geometry measurement and formulas, data analysis, statistics and probability, tables, graphs, charts and scatter plots. Real-world applications and problem solving is the foundation applied to the teaching and learning of Algebra I. Visual and physical models, calculators, and other technologies are recommended when appropriate and should be used to enhance both instruction and assessment. All grades posted for high school credit earned during a student's 6th, 7th, or 8th grade school years will be awarded high school credit; however, the grade point value will be excluded from the GPA calculation in the district's student information system. If Algebra I is taken in Junior High, the student must take 3 additional math units above Algebra I in High School to meet the 3-unit graduation requirement.

**Geometry HS/CR** (1 High School Credit Type = Core)**Course Number:** 25113**Grade:** 8**Prerequisite: Algebra I HS/CR**

Once a student has completed his/her study of this course this course, he/she will...

- Experiment with transformations in the plane.
- Understand congruence in terms of rigid motions.
- Prove geometric theorems.
- Make geometric constructions.
- Understand similarity in terms of similarity transformations.
- Prove theorems involving similarity.
- Define trigonometric ratios and solve problems involving right triangles.
- Apply trigonometry to general triangles.
- Understand and apply theorems about circles.
- Find arc lengths and areas of sectors of circles.
- Translate between the geometric description and the equation for a conic section.

- Use coordinates to prove simple geometric theorems algebraically.
- Explain volume formulas and use them to solve problems.
- Visualize relationships between two-dimensional and three-dimensional objects.
- Apply geometric concepts in modeling.

The utilization of the computer lab is an extension of the mathematics curriculum. The Lab offers one on-one instruction, small-group instruction, and technology-enhanced learning. Students will also be able to model the concepts taught in this course with a variety of tools. The specific standards are described in the Oklahoma Academic Standards for Mathematics | Geometry.

**Note: Students who complete this course will still have to take three math classes above the level of Algebra I in high school to meet state graduation requirements.**

**Advanced Science 3** (1 Credit Type = Science)

**Course Number:** 23035

**Grade:** 8

**Prerequisite:** *None*

**OHLAP:** No

The focus of this course is the same as the Science 3 course but advanced students will move to a deeper level of complexity. Any student willing to make the commitment to this level of work is welcome to enroll in the course. Students will be required to complete scientific research-based projects, investigate, and write evidence based essays that demonstrate their deep knowledge and understanding of the relationships that exist between science and engineering practices, crosscutting concepts, and disciplinary core ideas. Advanced students will have an awareness of the various AP Science exams through investigation, scientific research, modified test questions, and class discussions. Students will use scientific reasoning as a tool for understanding scientific concepts and how those concepts apply to the world around them. In grade 8, students will explore the physical science, life science, and earth and space science concepts included in the Oklahoma Academic Standards-Science for 8th grade science.

**Physical Science HS/CR** (1 Credit Type = Physical Science, SFC, or ACE Unit)

**Course Number:** 26513

**Grade:** 8

**Prerequisite:** *None*

**OHLAP:** No

This course is for 8th grade students and is based on the principles of chemistry, physics, and geology. The study of the matter, motion, force, waves, biological diversity, geoscience processes, geologic timescale, and earth and human activity will be emphasized in a laboratory setting.

## **Eighth Grade Elective Classes**

**Art I HS/CR**(1 Credit Type = HS Fine Arts)

**Course Number:** 25336

**Grade:** 8

**Prerequisite:** *None*

This course will provide a variety of techniques that will be used to create works of art in various media. Students will gain a beginning understanding of the principles and elements of design and will be presented with an overview of art history. PASS objectives for art will be incorporated into this class and will fulfill one of the fine arts graduation requirements.

(1 Credit Type = Elective)

**Band 3 (Intermediate Band)**(1 Credit Type = Elective)

**Course Number:** 25331

**Grade:** 8

**Prerequisite:** *Band 2 and/or Director Approval*

In this year long course, students will become acquainted with the great heritage of symphonic literature and will be given the opportunity to develop high standards of general musicianship. Emphasis is placed on artistic performance commensurate with the maturation level and experience of the students. Performances are an important part of the students' activities. After-school rehearsals and performances may be required of students. Participation is open to all students who have completed Band 2 or with a successful audition.

**Chorus 3 (Advanced JH Chorus)**(1 Credit Type = Elective)

**Course Number:** 25333

**Grade:** 8

**Prerequisite:** *Chorus 2*

This course is a continuation of Chorus 1. Students will perform, compose, improvise, and/or arrange a variety of music within given guidelines using appropriate musical terminology. Students will recognize the development of music from a cultural perspective, style, and major periods in music including Baroque, Classical, Romantic, Impressionism, and Contemporary; and will expand their knowledge base in the area of music appreciation, including appropriate audience behavior and use of appropriate terms and language to explain musical preferences.

**Drama HS/CR** (1 Credit Type = HS Fine Arts)

**Course Number:** 25314

**Grade:** 8

**Prerequisite:** *None*

This course constitutes an exploration of drama. All class members are involved in-group or individual participation in pantomime, improvisation, scenes, oral interpretation, characterization, makeup, dramatic criticism, and movement. This course functions as an introduction to the study of drama and theatre and is a basic lecture-laboratory study of the skills needed to perform in drama. This course is one of the designated courses that will substitute for one of the two required courses in fine arts.

**Gateway to Technology 3** (1 Credit Type = Elective)

**Course Number:** 25980

**Grade:** 8

**Prerequisite:** *None*

This course is a cutting-edge program that addresses the interest and energy of middle school students, while incorporating national standards in math, science, and technology. It is activity oriented to show students how

technology is used in engineering to solve everyday problems. The math, science, and technology integrated program helps students develop and hone skills in middle school that enable them to enter the high school program with knowledge and skills for success in pre-engineering. This course will build on the skills learned in Gateway to Technology I and II and will also introduce students to flight and space and automation and robotics.

**Health and Physical Education 3** (1 Credit Type = Elective)

**Course Number:** 25130

**Grade:** 8

**Prerequisite:** *None*

Students will apply concepts and principles to the learning and development of large and small motor skills. Students will demonstrate teamwork, self-confidence, and pride while playing sports and activities. Students will achieve and maintain a health-enhancing level of physical fitness, demonstrate responsible personal and social behavior in physical activity settings, and develop an understanding and respect for differences among people in sports that can be utilized throughout a lifetime.

**Orchestra 3** (1 Credit Type = Elective)

**Course Number:** 25332

**Grade:** 8

**Prerequisite:** *Orchestra 2*

(Strings II) - This is the intermediate level of a performing ensemble for students wishing to play a string instrument -violin, viola, cello, or bass. Students will increase their understanding and appreciation for classical music through lessons in theory, history, and playing techniques. Emphasis will be on playing and listening skills to foster each student's capacity for self-expression in playing a string instrument in a group as well as alone. Participation is open to students who have a successful audition or received teacher permission.

**Russian I HS/CR** (1 High School Credit Type = Elective)

**Course Number:** 24833

**Grade:** 8

**Prerequisite:** *None*

This is an introductory course in Russian language. The focus of the course is on learning and acquiring the necessary skills of communication in Russian; speaking, listening, reading, and writing. Students will learn to read edited texts, write short original compositions, and converse with confidence within a limited vocabulary range. Upon completing the course the student will be able to speak Russian and be understood by a Russian teacher, or a native speaker accustomed to listening to foreigners. Students will also connect to other academic subjects such as math, science, and language arts using their knowledge of Russian to access new information. Students will earn 1 unit of high school credit upon successful completion of this course. All grades posted for high school credit earned during a student's 8th grade school years will be awarded high school credit; however, the grade point value will be excluded from the GPA calculation in the district's student information system.

**French I HS/CR** (1 High School Credit Type = Elective)

**Course Number:** 24573

**Grade:** 8

**Prerequisite:** *None*

This course introduces the student to the language and customs of the French people. Upon completing this course, the student will have been introduced to the présent, future proche, and passé composé tenses and should be able to carry on simple conversations with a French teacher or native speaker. Listening, speaking, reading, and writing skills are all employed using several instructional media: the teacher, the text and its workbook, computer programs and research, literature in both books and films, cultural experiences and music. Students will also connect to other academic subjects, such as math, science, and language arts using their knowledge of French to access new information. Students will earn 1 unit of high school credit upon successful completion of this course. All grades posted for high school credit earned during a student's 8th grade school years will be awarded high school credit



**Spanish I HS/CR** (1 High School Credit Type = Elective)**Course Number:** 24873**Grade:** 7, 8**Prerequisite:** *None*

This is an introductory course in Spanish language. The focus of the course is on learning and acquiring the necessary skills of communication in Spanish; speaking, listening, reading, and writing. Students will learn to read edited texts, write short original compositions, and converse with confidence within a limited vocabulary range. Upon completing the course the student will be able to speak Spanish and be understood by a Spanish teacher, or a native speaker accustomed to listening to foreigners. Students will also connect to other academic subjects such as math, science, and language arts using their knowledge of Spanish to access new information. Students will earn 1 unit of high school credit upon successful completion of this course. All grades posted for high school credit earned during a student's 8th grade school years will be awarded high school credit; however, the grade point value will be excluded from the GPA calculation in the district's student information system.

**German I HS/CR** (1 High School Credit Type = Elective)**Course Number:** 24653**Grade:** 8**Prerequisite:** *None*

This is an introductory course in German language. The focus of the course is on learning and acquiring the necessary skills of communication in German; speaking, listening, reading, and writing. Students will learn to read edited texts, write short original compositions, and converse with confidence within a limited vocabulary range. Upon completing the course the student will be able to speak German and be understood by a German teacher, or a native speaker accustomed to listening to foreigners. Students will also connect to other academic subjects such as math, science, and language arts using their knowledge of German to access new information. Students will earn 1 unit of high school credit upon successful completion of this course. All grades posted for high school credit earned during a student's 8th grade school years will be awarded high school credit; however, the grade point value will be excluded from the GPA calculation in the district's student information system.

**Spanish II HS/CR** (1 High School Credit Type = Elective)**Course Number:** 24883**Grade:** 8**Prerequisite:** *Spanish I*

In this course a constant review of the skills acquired in Spanish I will be maintained. New vocabulary and grammatical structures are added, widening the areas of comprehension. Students will continue to develop the four skills in listening, speaking, reading, and writing as well as developing more cultural awareness. Students will also connect to other academic subjects, such as math, science, and language arts using their knowledge of Spanish to access new information. Students will earn 1 unit of high school credit upon successful completion of this course. All grades posted for high school credit earned during a student's 6th, 7th, or 8th grade school years will be awarded high school credit; however, the grade point value will be excluded from the GPA calculation in the district's student information system.

**Fundamentals of Technology HS/CR** (1 Credit Type = Comp Tech, ACE Unit, or Elective)**Course Number:** 25245**Grade:** 8**Prerequisite:** *None***OHLAP:** Yes

This course is a core course for students who want to obtain basic literacy to understand key computer concepts (Windows), applications (MS Word, Excel, Access and PowerPoint), and the internet. And also will provide the basis for preparing students for Business and IT positions through hands-on and project-based learning, textbook

assignments and internet research. The course provides a foundation for achieving application-specific computer certifications and IC3 certification. This course meets the computer technology graduation requirement  
Length of class: 2 semesters taken in the same school year

**Computers 3** (1/2 Credit Type = Elective)

**Course Number:** 25343

**Grade:** 8

**Prerequisite:** *None*

This course allows students to gain skills in advanced computer applications including word processing, spreadsheets, presentations, databases, and Web-page development. Responsible Internet usage and keyboarding skills will be reinforced. Career exploration and basic academic skills are also reinforced in each unit.

**Health 3** (1/2 Credit Type = Elective)

**Course Number:** 25103

**Grade:** 8

**Prerequisite:** *None*

In these courses, students will study the physical, chemical, and personality changes in the body caused by glands, hormones, stress, aging and puberty. They will study the methods and procedures involved in good decision-making. They will understand the importance of communication in dealing with the changes, the proper uses of over the counter and prescription drugs and the hazards associated with misuse and abuse. They will also understand the importance of proper dental care in maintaining health; and study different types of exercise and how they relate to overall health. They will also learn that there are certain nutritional requirements for the best growth and development of an individual.

**Gifted & Talented 3** (1 Credit Type = Elective)

**Course Number:** 25513

**Grade:** 8

**Prerequisite:** *None*

In this course students identified as gifted or talented will develop their ability in creative thinking and their capacities for fluency, flexibility, originality and elaboration. Also students will develop their ability to use higher level and creative thinking skills.

**Computer Science Discovers** (1/2 Credit Type = Elective)

**Course Number:**

**Grade:** 8

**Prerequisite:** *None*

This course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems. This course will enable students to develop computational thinking skills that prepares them to advance to Computer Science Principles.

# English Language Development Courses

**EL 1 & 2** (1 Credit Type = Elective)

**Course Number:** 21040

**Grade:** 6, 7, 8

**Prerequisite:** *None*

This course is designed for students identified as English Language Learners at proficiency levels 1.0 and 2.0 to provide foundational English language instruction. The course strives to develop the four areas of literacy for the ELL student (reading, writing, speaking, and listening) through a variety of instructional methods. Oral communication, grammar, vocabulary, reading and writing development are emphasized. Note: Students placed in English Language Development for Levels 1.0 and 2.0 should also be placed in a general education English course to receive English credit.

**EL 3 & 4** (1 Credit Type = Elective)

**Course Number:** 21041

**Grade:** 6, 7, 8

**Prerequisite:** *None*

This course is designed for students identified as English Language Learners at proficiency levels 3.0 and 4.0 to provide intermediate English language development instruction. The course strives to develop the four areas of literacy for the ELL student (reading, writing, speaking, and listening) through a variety of instructional methods. Oral communication, grammar, vocabulary, reading and writing development are emphasized. Note: Students placed in English Language Development for Levels 3.0 and 4.0 should also be placed in a general education English course to receive English credit.

# Dual Language Courses

## **Algebra I HS/CR in Spanish** (1 Credit Type = Elective)

**Course Number:** 24316

**Grade:** 8

**Prerequisite:** *None*

All content for this course will be taught in Spanish. Once a student has completed his/her study of this course this course, he/she will...

- Use properties of rational and irrational numbers.
- Reason quantitatively and use units to solve problems.
- Interpret the structure of expressions.
- Write linear, quadratic, and exponential expressions in equivalent forms to solve problems.
- Perform arithmetic operations on polynomials.
- Understand the relationship between zeros and factors of polynomials.
- Create equations that describe numbers or relationships of linear, quadratic, and exponential relationships.
- Understand solving linear and quadratic equations as a process of reasoning and explain the reasoning.
- Solve systems of linear equations.
- Represent and solve linear, quadratic, and exponential equations and inequalities graphically.
- Understand the concept of a function and use function notation.
- Interpret functions that arise in applications in terms of the context.
- Analyze linear, quadratic, and exponential functions using different representations.
- Build a linear function that models a relationship between two quantities.
- Build new linear, exponential, and quadratic functions from existing functions.
- Construct and compare linear, quadratic, and exponential models and solve problems.
- Summarize, represent, and interpret data on a single count or measurement variable.
- Summarize, represent, and interpret data on two categorical and quantitative variables.
- Interpret linear models.

The utilization of the computer lab is an extension of the mathematics curriculum. The Lab offers one on-one instruction, small-group instruction, and technology-enhanced learning. Students will also be able to model the concepts taught in this course with a variety of tools.

The specific standards are described in the Oklahoma Academic Standards for Mathematics | Algebra 1.

## **Mathematics I in Spanish** (1 Credit Type = Elective)

**Course Number:** 24314

**Grade:** 6

**Prerequisite:** *None*

All content of this course will be taught in Spanish. Once a student has completed his/her study of this course this course, he/she will...

- Understand ratio concepts and use ratio reasoning to solve problems.
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.
- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Apply and extend previous understandings of arithmetic to algebraic expressions.

- Reason about and solve one-variable equations and inequalities.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Develop understanding of statistical variability.

The utilization of the computer lab is an extension of the mathematics curriculum. The Lab offers one-on-one instruction, small-group instruction, and technology-enhanced learning. Students will also be able to model the concepts taught in this course with a variety of tools.

The specific standards are described in the Oklahoma Academic Standards for Mathematics | 6th Grade.

### **Mathematics 2 in Spanish** (1 Credit Type = Elective)

**Course Number:** 24315

**Grade:** 7

**Prerequisite:** *None*

All content in this course will be taught in Spanish. Once a student has completed his/her study of this course, he/she will...

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

Use properties of operations to generate equivalent expressions.

Solve real-life and mathematical problems using numerical and algebraic expressions and equations. Solve real-life and mathematical problems involving angle measure, area, surface area, and volume. Draw, construct, and describe geometrical figures and describe the relationships between them.

Use random sampling to draw inferences about a population. Draw informal comparative inferences about two populations.

- Investigate chance processes and develop, use, and evaluate probability models.

The utilization of the computer lab is an extension of the mathematics curriculum. The Lab offers one-on-one instruction, small-group instruction, and technology-enhanced learning. Students will also be able to model the concepts taught in this course with a variety of tools.

The specific standards are described in the Oklahoma Academic Standards for Mathematics | 7th Grade.

### **Science 1 in Spanish** (1 Credit Type = Elective)

**Course Number:** 23011

**Grade:** 6

**Prerequisite:** *None*

All content in this course will be taught in Spanish. The focus of Science 1 is based on the integration of science and engineering practices, crosscutting concepts, and disciplinary core ideas. Students will be required to complete scientific investigations and evidence-based reasoning to demonstrate their knowledge and understanding of the principles and science concepts related to physical science, earth and space science, and life science included in the Oklahoma Academic Standards-Science for 6<sup>th</sup> grade science.

### **Science 2 in Spanish** (1 Credit Type = Elective)

**Course Number:** 23021

**Grade:** 7

**Prerequisite:** *None*

All content in this course will be taught in Spanish. The focus of Science 2 is based on the integration of science and engineering practices, crosscutting concepts, and disciplinary core ideas. Students will be required to complete scientific investigations and evidence-based reasoning to demonstrate their knowledge and understanding of the principles and science concepts related to physical science, earth and space science, and life science included in the Oklahoma Academic Standards-Science for 7<sup>th</sup> grade science.

### **Physical Science HS/CR in Spanish** (1 Credit Type = Elective)

**Course Number:** 23041

**Grade: 8**

**Prerequisite: None**

All content in this course will be taught in Spanish. This course is an inquiry-based laboratory science divided into three areas of concentration: Physics, Chemistry, and Earth/Space Science. Mathematics, experimental design, data collection/tabulation, and graphing are emphasized throughout the course using the metric system. The Physics content focuses on mechanics and energy. The chemistry content focuses on atomic and subatomic particles, physical properties of elements and characteristic properties of matter. Earth science examines the physical forces that shape the Earth and the geologic timescale. Additionally, this course will examine relationships of matter and energy in the universe. Students will earn 1 unit of high school credit upon successful completion of this course.

**World Geography: Eastern Hemisphere in Spanish** (1 Credit Type = Elective)

**Course Number:** 22021

**Grade: 6**

**Prerequisite: None**

All content in this course will be taught in Spanish. This course combines both World Cultures and World Geography focusing on the Eastern Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will focus on spatial patterns of human and physical characteristics of the world and its peoples, and will explore how these patterns form, change over time, and relate to one another in the Eastern Hemisphere. This is the second half of the middle level geographic studies program. The Western Hemisphere was the focus of the Grade 6 portion. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Eastern Hemisphere is treated as the areas of Africa, Asia, Europe, Australia, and Oceania.

**World Geography: Western Hemisphere in Spanish** (1 Credit Type = Elective)

**Course Number:** 22011

**Grade: 7**

**Prerequisite: None**

All content in this course will be taught in Spanish. This course combines both World Cultures and World Geography focusing on the Western Hemisphere. Students will use geographic knowledge as a tool for understanding the concepts of economics and the impact of recent history on contemporary events. Students will explore how spatial patterns form, change over time, and relate to one another through a two-year examination of the regions of the world with the Western Hemisphere being studied in Grade 6 followed by the Eastern Hemisphere in Grade 7. For practical uses the traditional designations of Eastern and Western Hemispheres have been followed. The Western Hemisphere is treated as the areas of North America, South America, and the Caribbean.

**United States History, 1754-1877 in Spanish** (1 Credit Type = Elective)

**Course Number:** 22037

**Grade: 8**

**Prerequisite: None**

All content in this course will be taught in Spanish. The focus of the course in United States History for Grade 8 is the American Revolution through the Civil War and Reconstruction Eras (1754-1877). The student will describe and analyze the major causes, key events, and important personalities of the American Revolution. The student will examine in greater depth the factors, events, documents, significant individuals, and political ideas that led to the formation of the United States of America. These will be pursued through a chronological study of the early national period, westward expansion, and the Civil War and Reconstruction Eras. Citizenship skills will focus upon the historic development and understanding of constitutional government in the United States. The student will continue to develop and put to use a variety of Social Studies Process and Literacy Skills. The student will need to analyze primary and secondary sources and interpret timelines, maps, charts, graphs, pictures, photographs and political cartoons. Research and writing play a pivotal role in this course.



**Spanish Language Arts 1 HS/CR** (1 Credit Type = Elective)**Course Number:** 25435**Grade:** 6**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 6<sup>th</sup> grade Spanish texts – both fictional and informational. They will express ideas effectively in writing in Spanish for a variety of purposes and audiences. Through writing, they will practice and enhance skills in grammar, spelling, sentence and paragraph development, mechanics, editing and revising. They will demonstrate listening and speaking skills in Spanish.

**Spanish Language Arts 2 HS/CR** (1 Credit Type = Elective)**Course Number:** 25434**Grade:** 7**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 7<sup>th</sup> grade Spanish texts – both fictional and informational. They will express ideas effectively in writing in Spanish for a variety of purposes and audiences. Through writing, they will practice and enhance skills in grammar, spelling, sentence and paragraph development, mechanics, editing and revising. They will demonstrate listening and speaking skills in Spanish.

**Spanish Language Arts 3 HS/CR** (1 Credit Type = Elective)**Course Number:** 25437**Grade:** 8**Prerequisite:** *None*

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 8<sup>th</sup> grade Spanish texts – both fictional and informational. They will express ideas effectively in writing in Spanish for a variety of purposes and audiences. Through writing, they will practice and enhance skills in grammar, spelling, sentence and paragraph development, mechanics, editing and revising. They will demonstrate listening and speaking skills in Spanish.

