

Perry Junior High School Course Catalog

2016-2017

ENGLISH LANGUAGE ARTS

English, Grade 7

Language Arts for 7th grade is designed to address Oklahoma's 7th grade Oklahoma Academic Standards. Students will demonstrate an emerging sophistication in their ability to read challenging complex texts closely so that they can cite multiple instances of specific evidence to support their assertions. Students will learn to recognize the interplay between setting, plot and characters and provide an objective summary of a text apart from their own reaction to it. They will compare and contrast different interpretations of a topic, identifying how authors shape their presentation of key information and choose to highlight certain facts over others. In addition, students will trace how an argument develops within a text and assess the validity of the evidence. In discussions and in writing, students will make their reasoning clear to their listeners and readers, constructively evaluating others' use of evidence while offering several sources to back up their own claims. Their vocabulary will develop to the point where they can distinguish between denotative and connotative meaning and can analyze the effect of specific word choice on tone. Students will engage in writing a variety of modes of writing, including narrative, informative, and argumentative. As students mature as writers, they will cite several sources of specific, relevant evidence when supporting their own point of view about texts and topics. Their writing is more structured, with clear introductions and conclusions as well as useful transitions to create cohesion and clarify relationships among ideas. In writing, they will acknowledge the other side of a debate or an alternative perspective while avoiding plagiarism.

This course will help students prepare for the State of Oklahoma test in 7th grade Reading.

English, Grade 8

English for 8th grade is designed to address Oklahoma's 8th grade Oklahoma Academic Standards. In grade 8, the Oklahoma Academic Standards expect students to examine high-quality, complex nonfiction texts and great works of literature. Starting in grade 8, the focus of informational texts begins to shift from narrative to exposition. Students will learn to cite the textual evidence that most strongly supports an analysis or critique. Students will question an author's assumptions and assess the accuracy of his or her claims, and read closely and uncover evidence to use in their own writing. Students will, for instance, analyze in writing two or more texts that provide conflicting information on the same topic and identify whether the disagreement is over facts or interpretation. They will analyze how point of view can be

manipulated to create specific effects such as dramatic irony and investigate how particular passages within a text connect to one another to advance the plot, reveal a character or highlight an idea. In speaking and listening, students are to draw explicitly on their reading and research for discussions. They will respond to questions constructively by citing relevant evidence, observations and ideas. Students will develop a rich vocabulary of academic words, which they use to speak and write with more precision. Students will engage in writing a variety of modes of writing, including narrative, informative, and argumentative. Students will develop a rich vocabulary of academic words, which they use to speak and write with more precision. In addition, students will write with increasing sophistication, focusing on organizing ideas, concepts and information into broader categories; choosing relevant facts well; and using varied transitions to clarify or show the relationships among elements. Students should be able to distinguish their claims from alternate or opposing claims and use words and phrases to clarify the relationships and transitions among claims, counterclaims, reasons and evidence.

This course will help students prepare for the State of Oklahoma tests in 8th grade Reading and Writing.

Honors English, Grade 8

Honors English is offered in grade 8 and provides for the development of a continuum of skill building from one grade level to the next. Honors instruction offers an academic choice that exposes students in an early and consistent fashion to essential academic skills as well as to more mature, higher-level analytical reading, writing and thinking skills. Honors English will place a greater responsibility on students for academic progress and will cover the content offered in English, Grade 8 at a deeper and more complex level.

MATH

Pre-Algebra, Grade 7

This course is designed to prepare students for Algebra I and contains foundations of algebraic reasoning that will be used in future courses. The additional content in the course demands a faster pace for instruction and learning. The following critical areas are major components of this course:

1. Students extend their understanding of ratios and develop understanding of proportionality to solve single- and multi-step problems.
2. Students develop a unified understanding of number, recognizing fractions, decimals, and percents as different representations of rational numbers. Students extend addition, subtraction, multiplication, and division to all rational numbers.

3. Students use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems.

4. Students solve problems involving the area and circumference of a circle and surface area of three-dimensional objects. Students work with three-dimensional figures, relating them to two-dimensional figures by examining cross-sections. They solve real-world and mathematical problems involving area, surface area, and volume of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes and right prisms.

5. Students compare two data distributions and address questions about differences. They begin informal work with random sampling.

This course will help students prepare for the State of Oklahoma test in 7th Grade Mathematics.

Intro to Algebra, Grade 8

This is a course designed to meet the needs of 8th grade students who are ready for the basic concepts of Algebra I. This course will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

This course will help students prepare for the State of Oklahoma test in 8th Grade Mathematics.

Algebra I, Grade 8

**** Requirements** - Advanced OCCT Math Score, Classroom Performance**

This course extends the mathematics that students have learned through pre-algebra. This course differs from High School Algebra I in that it contains content from 8th grade. The additional content when compared to the high school course demands a faster pace for instruction and learning. The critical areas that comprise this course include:

1. Work with quantities and rates, including simple linear expressions and equations.
2. Develop understanding of function notation and language for describing characteristics of functions, including the concepts of domain and range.

3. Use regression techniques to describe relationships between quantities. Students use graphical representations and knowledge of the context to make judgments about the appropriateness of linear models. With linear models, they look at residuals to analyze the goodness of fit.
4. Extend the laws of exponents to rational exponents.
5. Students explore distinctions between rational and irrational numbers. They consider quadratic functions, comparing the key characteristics of quadratic functions to those of linear and exponential functions.

Students must pass the End-of-Instruction Algebra I Test upon completion of this course.

SOCIAL STUDIES

Geography, Grade 7

Geography is composed of the interrelated components of skills and content knowledge, both of which are necessary to being a geographically informed citizen. 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. The Eastern Hemisphere is identified as the areas of Africa, Asia, Europe, Australia, and Oceania.

This course will help students prepare for the State of Oklahoma test for Geography.

United States History, Grade 8

The focus of the course in United States History for Grade Level: 8 is the American Revolution through the Civil War and Reconstruction Eras (1754-1877). Students will describe and analyze the major causes, key events, important personalities and historic documents of the American Revolution. Students 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 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. Throughout the year, importance will be placed upon the need for accurate geographic knowledge which will include an emphasis on the role of geography in shaping historical events.

This course will help students prepare for the State of Oklahoma test for Grade Level: 8 U.S. History.

SCIENCE

Science, Grade 7

Students will engage in investigations of the Life, Earth, and Physical sciences. Through inquiry-based instruction students will be led to discover the following concepts:

- Matter and its interactions
- Motion and stability: forces and interactions
- Energy
- Structure and function in living systems
- Reproduction and heredity
- Behavior and regulation
- Heredity and biological diversity
- Earth and the solar system
- Scientific research and investigation

Science, Grade 8

The students will engage in investigations of the Life, Earth, and Physical sciences. Through inquiry-based instruction students will be led to the discovery of the following concepts:

- Matter and its interactions
- Motion and stability: forces and interactions
- Waves and their application to technology
- Structure and function in living systems
- Biological unity and diversity
- Earth's history
- Structures of the earth and solar system

- Earth and human activity
- Scientific research and investigations
- Engineering Practices

This course will help students prepare for the State of Oklahoma test in 8th Grade Science.

ELECTIVE COURSES

In addition to the academic core curriculum, the Perry School District firmly believes that an engaging Enrichment Program is essential to keep students connected to school and to develop skills. As a result, Perry Junior High offers enrichment courses.

At the Junior High school level, these enrichment courses are centered around the following core areas:

- Performing Arts
- Life Skills
- Student Leadership
- Technology
- Health and Fitness

The availability of these courses is based on students' program needs and requests. The courses listed below are examples of enrichment courses that may be offered. Elective classes range in duration from one semester to one year in length.

Agricultural Orientations - 8 (Semester)

The eighth-grade curriculum is an introduction to the agricultural industry. This course gives students the opportunity to explore a wide variety of subject areas available in agriculture.

Applied Music/Honor Band – 7.8 (year)

A music class for advanced students to refine their skills while also learning to play new instruments. This is an independent study program designed to recognize those students who have a desire to advance their musical skills and knowledge. Individual instruction will include

study in appropriate method books, scales, etudes, and solos to develop musical and technical skills.

Band, Grades 7-8 (year)

Two Semester Course - Band is designed for seventh and eighth grade students with at least one full year of band experience. This class is designed for the serious music student who wants to learn the fundamentals of playing an instrument and interested in developing good musicianship skills. Practice at home and attendance at concerts are required.

Health - 7 (9 weeks)

In this course, students will learn about healthy living, including diet, nutrition, exercise, Hygiene, and dangers to health that they should avoid. (9 weeks course in conjunction with Keyboarding)

Keyboarding - 7 (9 weeks)

This 9 weeks' course will focus on keyboarding skills and other foundational skills to prepare students for future computer science courses.

Financial Literacy (Semester requirement for 8th graders)

Synopsis: The intent of personal financial literacy education is to inform students how individual choices directly influence occupational goals and future earnings potential. Successful money management is a disciplined behavior and much easier when learned earlier in life. The fourteen areas of instruction designated in the Passport to Financial Literacy Act of 2007 (70 O.S. § 11-103.6h) are designed to provide students with the basic skills and knowledge needed to effectively manage their personal finances. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. This systematic way of making personal financial decisions will provide students a foundational understanding for making informed and successful personal financial decisions.

Academic Achievement/Study Skills 7-8 (year)

The learning resource lab at Perry Mid-High and High School offers eligible students individualized instructional alternatives to improve reading skills. Students are admitted To this class through individual evaluation and determination of need by parent, teachers, and other specialists. The extent of services is determined by each individual student's plan or IEP.

Spanish I

Presents the fundamentals of grammar and basic vocabulary of the Spanish language. Most of the year's work is done in present tense. Emphasis is placed on oral work and

writing, and students will begin speaking immediately. Students will learn to think in Spanish and to communicate effectively in practical situations. This class is an elective for 8th grade students with excellent grade in 7th English and administrator approval. High School credit will be given at the completion of the class.

Technology I-7, II -8 (Semester)

Technology Education is an instructional program that provides daily, hands-on experiences which enable them to focus on becoming technologically literate, explore career opportunities and identify the educational avenues to pursue their interests.

Life Management, Grade 7 (Semester)

This class introduces students to areas of personal care, health and wellness, clothing Management, child care skills, nutrition and food management, relationships, Home and personal space, and financial management

Computer Applications, Grade 8 (Semester)

In this course, students will build upon the computer skills they have learned in the previous years, the students will learn word processing, spreadsheet, database, desktop publishing and presentation programs. Correct touch typing skills are stressed as the students are exposed to the latest in computer tools. In an effort to make the classes relevant, students will complete projects for the core curriculum allowing them to integrate their computers skills.

World Happenings/Current Events 7, 8 (Semester)

World Happenings is a course on the daily study of local, national, and world current events. Students will research, report, and discuss daily local, national, and world news and the impact of these events on people, cities, nations, and the global community.

Leadership/Character Development 7, 8 (Semester)

This course provides the study of human behavior and is designed to help students develop an understanding of themselves and others. It includes units on communication skills, personal development, human relationships, personal appearance, health and wellness, personal living skills, personal and community health, and career exploration. Major types of activities include lecture, discussion, writing, reading current media, problem solving, and projects.

Physical Education 7,8

This course is designed to teach the basics of both team and individual sports. The student gains an understanding of teamwork and the need to develop a healthy life-style. Individual self-confidence is built during the class.

A.C.E. Remediation Courses

ACE Math 7,8

This semester course is designed to provide remediation for students who have not shown mastery of the Math PASS objectives as measured by quarterly math benchmark exams and the OCCT. *PLEASE NOTE: ACE is a required semester class for all students who score "Limited Knowledge" or "Unsatisfactory" on the previous year's OCCT Math test. The ACE class takes the place of an elective and provides students with supplemental instruction on specific content that they have not mastered.*

ACE Reading 7,8

This semester course is designed to provide remediation for students who do not show mastery of PASS reading objectives as measured by quarterly benchmark exams and the OCCT. *PLEASE NOTE: ACE is a required semester class for all students who score "Limited Knowledge" on the previous school year's OCCT Reading test. The ACE class takes the place of an elective and provides students with supplemental instruction on specific content that they have not mastered.*