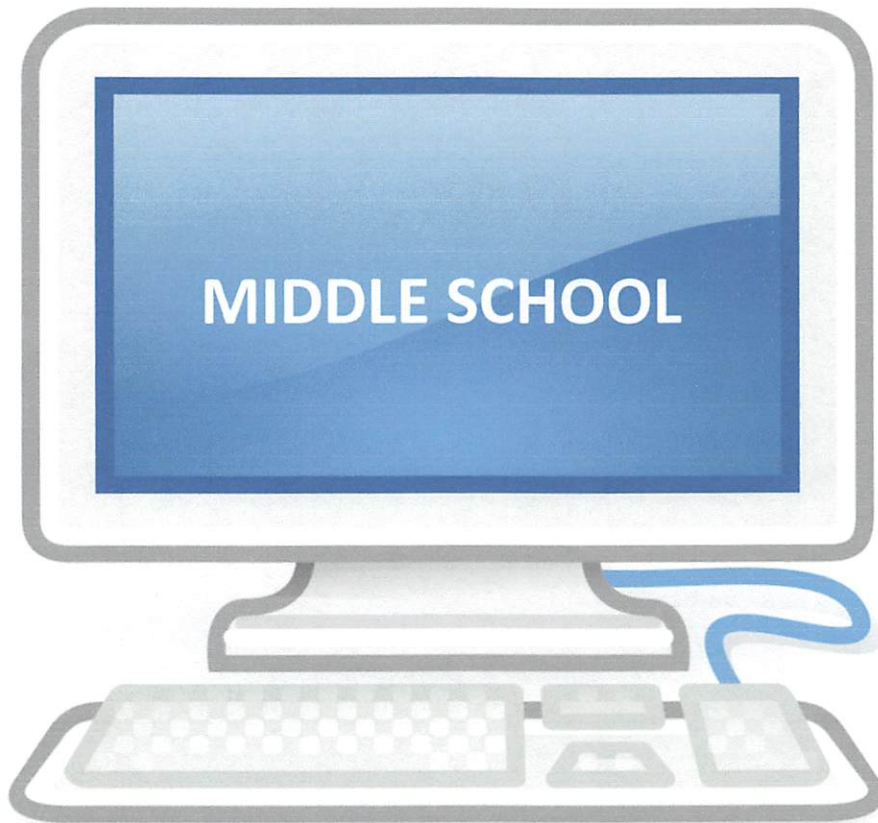


OKALOOSA ONLINE



COURSE GUIDE

2021-2022

English Language Arts

English Language Arts courses are fully aligned to the Florida Standards.

6th Grade Language Arts

This course eases students' transition to middle school with engaging, age-appropriate literacy and informational reading selections. Students learn to read critically, analyze texts, and cite evidence to support ideas as they read essential parts of literary and informational texts and explore a full unit on Lewis Carroll's classic novel *Through the Looking Glass*. Vocabulary, grammar and listening skills are sharpened through lessons that give students explicit modeling and ample practice. Students also engage in routine, responsive writing based on texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

6th grade Language Arts, Advanced – Prerequisites: FSA Reading Level 3, 4, 5

All the topics in 6th grade Language Arts are included in this course. In addition, this will provide grade 6 students the ability to use texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening and language to prepare for college and career readiness. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students in the advanced course are challenged to think critically on the content.

7th Grade Language Arts

Students grow as readers, writers, and thinkers in this middle school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel *White Fang* and reads excerpts from other stories, poetry, and nonfictions. Explicit modeling and ample opportunities for practice to help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

7th grade Language Arts, Advanced- Prerequisites: FSA Reading Level 3, 4, 5

All the topics in 7th grade Language Arts are included in this course. In addition, the pacing of this course is more accelerated with an increase in rigor, to include additional reading and writing requirements.

8th grade Language Arts

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational text engage students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary, grammar, and listening skills through lessons designed to provide explicit modeling and ample opportunities to practice. Students routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing and language arts skills.

8th grade Language Arts, Advanced- Prerequisites: FSA Reading Level 3, 4, 5

All the topics in 8th grade Language Arts are included in this course. In addition, the pacing of course is more accelerated with an increase rigor, to include additional reading and writing requirements.

Mathematics

Mathematics courses are fully aligned to the Florida Standards.

6th Grade Math

This year long course begins by connecting ratio and rate to multiplication and division, allowing students to use ratio reasoning to solve a wide variety of problems. Students further apply their understanding of multiplication and division to explain the standard procedure for dividing fractions. This course builds upon previous notions of the number system to now include the entire set of rational numbers. Students begin to understand the use of variables as they write, evaluate, and simplify expressions. They use the idea equality and properties of operations to solve one-step equations and inequalities. In statistics, students explore different graphical ways to display data. They use data displays, measures of center, and measures of variability to summarize data sets. The course concludes with students reasoning about relationships among shapes to determine area, surface area, and volume.

6th grade Math, Advanced- *Prerequisites: Level 3 or above on FSA Math*

All topics in Grade 6 Math are included in Grade 6 Math, Advanced. In addition, students will: Develop an understanding of and apply proportionality to solve problems involving percent. Apply formulas to determine surface areas and volume of three dimensional shapes including pyramids, prisms, cylinders and cones. Develop and understanding of operations involving integers and other rational numbers, as well as solving linear equations. Identifying and plot ordered pairs in all four quadrants of the coordinate plane.

7th Grade Math

This year long course begins with an in-depth study of proportional reasoning during which students utilize concrete models such as bar diagrams and tables to increase and develop conceptual understanding of rates, ratios, proportions, and percentages. Students' number fluency and understanding of the rational number system are extended as they perform operations with signed rational numbers embedded in real-world contexts. In statistics, students develop meanings for representative samples, measures of central tendency, variation, and the ideal representation for comparisons of given data sets. Students develop an understanding of both theoretical and experimental probability. Throughout the course, students build fluency in writing expressions and equations that model real-worlds scenarios. They apply their understanding of inverse operations to solve multi-step equations and inequalities. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. The course concludes with a geometric analysis of angle relationships, area, and volume of both two- and three-dimensional figures.

7th Grade Math, Advanced- *Prerequisites: Level 3 or above on FSA Math*

Students will develop an understanding of and apply proportionality, similarity, and formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones in this year long course. Identify and plot ordered pairs in all four quadrants of the coordinate plane and predict the results of transformations. Determine, compare and make predictions based on experimental and theoretical probability based on experimental and theoretical probability of independent and dependent events. Construct and analyze and represent linear functions and solve linear equations and systems of equations. Analyze two and three dimensional figures by using distance and angle relationships. Analyze and summarize data sets including box and whisker plots, scatter plots and lines of best fit.

8th Grade Pre-Algebra

This year long course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations and apply this knowledge and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruency and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of non-perfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as Pythagorean theorem, distance, and volume.

Algebra 1 Honors (High School Credit)-Prerequisite: FSA Math Level 4 or higher. An "A/B" average in 7th grade Math Advanced
Weighted Course

This is a high school credit course that requires a state end of course exam. Students will work at an accelerated pace. This full-year honors course introduces students to linear, exponential, and quadratic functions by interpreting, analyzing, comparing, and contrasting functions that are represented numerically, tabularly, graphically, and algebraically. Technology is utilized within some lessons to further support students in identifying key features as well as displaying images of the functions. The course builds upon the basic concepts of functions to include transformations of linear and non-linear functions. Students deepen their understanding of quantitative reasoning, piecewise functions, and quadratic functions through performance tasks. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course. The course concludes with students analyzing data through displays and statistical analysis.

Geometry Honors (High School Credit)-Prerequisite: "A, B or C+" in Algebra 1 Honors, FSA Algebra 1 EOC Level 4 or higher.
Weighted Course

**If the student earned a "C" in Algebra 1 Honors, it is recommended that the student retake the course for grade forgiveness once the student enters high school to improve the student's overall high school GPA.*

This is a high school credit course that requires a state end of course exam. This year long course begins by exploring the foundational concepts of Euclidean Geometry in which students learn the terminology of geometry, measuring, proving theorems, and constructing figures. Students then expand on their knowledge of transformations and complete an assignment on identifying point symmetry as well as completing a performance task on tessellations. The course continues with an in-depth look at triangles where students prove theorems, relating congruency and similarity in terms of transformations, and connecting right triangles relationships to trigonometry. Students study set theory and apply probability through theoretical and experimental probability, two-way tables, and combinations and permutations. With lessons pertaining to quadrilaterals, students can identify the various figures based on their key features. Within the circles units, students identify angles, radii, and chords, perform a performance-based task on tangents, and then compute the circumference and area of various circles. Then students study parabolas, ellipses and hyperbolas before modeling and computing two- and three-dimensional figures.

Science

All science courses are fully aligned to Florida Standards.

6th grade Earth Science

The purpose of this year long course is to provide the first year of a sequential three year course of study in exploratory experiences and activities in the concepts of earth and space, life and physical science. The Earth/Space science curriculum introduces students to the basic laboratory safety skills, use of the scientific method, and measuring in the metric system. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. This science course provides an opportunity for students to explore the Earth's materials, processes, place in the universe, and history. Other topics covered in this course are meteorology, oceanography, astronomy, and geology.

6th grade Earth Science, Advanced –Prerequisites: Level 3 or above on FSA ELA and Math

In addition to the standards and expectations associated with Earth/Space Science, this year long course includes a more advanced environment and accelerated pace focusing on investigations which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures.

7th grade Life Science

Examining a broad spectrum of biological sciences, this year long course is the second in a three year course of study in exploratory experiences and activities in the concepts of earth and space, life and physical science. Life science is a full year course that builds on the basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. The initial focus of the course includes animal and plant cell, the classification systems for the major kingdoms of life, heredity, and the study of the ecology of our surrounding. The course then moves on to larger themes such as cells, cell theory and cell reproduction and genetics.

7th grade Life Science, Advanced - Prerequisites: Level 3 or above on FSA ELA and/or Math

In addition to the standards and expectations associated with Life Science, this course is the second in a three year course of study in exploratory experiences and activities in the concepts of earth and space, life and physical science. The advanced course provides additional opportunities with increased pace and rigor. Complex text, extensive writing and cognitively complex tasks can be expected in this course.

8th grade Physical Science

This year long course is the third in a three year course of study in exploratory experiences and activities in the concepts of earth and space, life and physical science. Safety skills and the use of the scientific method and metric system are utilized to further students' knowledge of science. The content area for the eighth grade focuses on an introduction to chemistry and physics. Chemistry topics include properties and changes of matter (e.g., physical and chemical), and the atomic model of matter. Physics topics include forces (e.g., thermal, kinetic, potential), motion, light and sound.

8th grade Physical Science, Advanced- Prerequisites: Level 3 or above on FSA ELA and/or Math

In addition to the standards and expectations associated with Physical Science, this year long course is the third in a three year course of study in exploratory experiences and activities in the concepts of earth science, life and physical science. This course is designed to provide an introduction to chemistry and physics. Chemistry topics include properties of matter, changes of matter (e.g., physical and chemical),

and the atomic model of matter. Physics topics include forces (e.g., magnetic, electrical, gravitational), energy (e.g., thermal, kinetic, potential), motion, light and sound. An inquiry approach is used to explore principles of physics and chemistry. Critical thinking skills and higher mathematics skills are used extensively. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. Course work in this class will be at an advanced level with increased rigor and assignments to encourage connections and development of individual aptitudes for science classes.

Social Studies

Social Studies courses are fully aligned to the Florida Standards.

6th Grade World History

Providing students with an opportunity to learn the diverse history that has shaped our world, this year long course delves into the evolution of civilization from the rise of ancient empires through the twenty-first century. Middle school students enrolled in this exciting and informative course investigate the development of medieval societies, the effects of the Renaissance and the Reformation, and the progress made during various periods of revolution, industrialization, urbanization, and reform. Over the course of two semesters, students analyze effects of political conflicts and social issues on the continuing development and interdependence among nations in the modern world.

6th grade World History, Advanced- *Prerequisites: Level 3 or above on FSA ELA*

In addition to the requirements of 6th grade World History above, the advanced year long course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, and solving problems.

7th Grade Civics

Exploring the structure of the United States government on a national, state, and local level, this year long course challenges students to learn and understand fundamental concepts and philosophies that led to the creation of the United States Constitution. Students enrolled in this two-semester course analyze the political process, political parties, and influences that affect them both. Engaging, interactive content introduces economic concepts and encourages students to explore government and economics on a global scale. By instilling a thorough understanding of government and economics, this course inspires students to investigate what it means to be an American citizen.

7th grade Civics, Advanced - *Prerequisites: Level 3 or above on FSA ELA*

The seventh grade social studies curriculum consists of the following content area strands: Civics, Geography and Economics. In addition to the requirements for the basic 7th grade Civics course, the advanced year long course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels through the following; analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, and other analytical skills.

8th Grade U. S. History and Career Planning

Offering an interactive and comprehensive overview of American history, this year long course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications of each these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

8th grade U.S. History and Career Planning - Prerequisites: Level 3 or above on FSA ELA

This year long course was developed to provide a more rigorous in-depth study of the United States History utilizing challenging reading, writing, and research assignments corresponding to the standards for 8th grade U.S. History

Electives

All courses are fully aligned to the Florida Standards.

Online students are only required to take the core courses. Electives will only be assigned in 7th grade when it is established that the student can handle more than four courses. The electives will count as high school credit so it is very important that the student grades are higher than a “C”.

Spanish 1 (7th grade)

This course is unweighted.

Students will begin their yearlong introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The Florida state university system requires students successfully complete two (2) years of a foreign language to be considered for admission to a 4-year university. This course fulfills one (1) year of this requirement and is a high school credit.

Spanish 2 (8th grade)

This course is unweighted.

Students will continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading and writing. Each unit consists of an ongoing adventure story with interactive games for reinforcement. Units also consists of multicultural presentation covering major Spanish-speaking areas in Europe and the Americas. The Florida state university system requires students successfully complete two (2) years of a foreign language to be considered for admission to a 4-year university. This course fulfills year (2) of this requirement and is a high school credit.

French 1 (7th grade)

This course is unweighted.

Students will begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe. The Florida state university system requires students successfully complete two (2) years of a foreign language to be considered for admission to a 4-year university. This course fulfills one (1) year of this requirement and is a high school credit.

French 2 (8th grade)

This course is unweighted.

Students will continue their introduction to French in this second year, high school language yearlong course with a review of fundamental building blocks in four key areas: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and

listening comprehension activities, speaking and writing activities, cultural presentations covering major French-speaking areas across the globe, and assessments. The Florida state university system requires students successfully complete two (2) years of a foreign language to be considered for admission to a 4-year university. This course fulfills year (2) of this requirement and is a high school credit.