



2020 SUMMER COURSE CATALOG

(June Start Date: June 1st, 2020, July Start Date: July 1st, 2020, 4 Week Courses)

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GENERAL INFORMATION

STATE ASSESSMENT REQUIREMENT

AzMERIT (Arizona's Measurement of Educational Readiness to Inform Teaching) measures students' knowledge in the content areas of English Language Arts (ELA) and Mathematics in Grades 3-8 and High School Grades 9-12. Each AzMERIT test is aligned to Arizona's College and Career Readiness Standards (AZCCRS). AIMS Science measures students' knowledge in Science and is required in Grade 8.

All Primavera Online Middle School students in grades 6–8 will take the AzMERIT and/or AIMS Science test at the designated testing time periods.

The Arizona State Department of Education does not require students to successfully meet standards on the AzMERIT Reading, Writing and Math tests in order to receive a promotion certificate from an Arizona public middle school. However, all students are required to take these state assessments. For further information, refer to the Arizona State Department of Education website at www.ade.state.az.us.

All students are required to participate in state testing; failure to participate may result in review of continued enrollment.

GRADE LEVEL REQUIREMENTS

The promotion (advancing to the next grade) and retention (staying in the current grade) of students enrolled in the Primavera is based on the degree of success that the individual student achieves in completing the educational program designated to meet his/her needs.

The Arizona Department of Education Board has established standards that students must achieve, which includes proficiency in reading, writing, mathematics, science, and social studies. You are **required** to complete the courses listed below before the start of the fall 2019-2020 school year.

A – 1st Semester	B – 2nd Semester
English	English
Math	Math
Science	Science
Social Studies	Social Studies
Total Year Course Requirement:	8 courses



RESOURCES FOR STUDENTS

TURNITIN

To maintain academic integrity of Primavera Online Middle School (POMS) online courses, Turnitin is used for applicable projects and assignments. Turnitin, a leading originality checking and plagiarism prevention service, is used as a tool to support student academic achievement and integrity in the following areas: preventing plagiarism, improving writing skills, and providing effective feedback.

Upon submitting a piece of student work, Turnitin will determine if text in a project/assignment matches text in a database housing more than 12 billion pages of digital content. Turnitin does not determine plagiarism; it does locate matching text to help teachers determine if plagiarism has occurred.



COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS

ENGLISH 6A

Students will read and analyze informational texts. These texts take many different forms, including biographies, personal accounts of events, instructional documents, film reviews, and persuasive letters. The course's reading selections demonstrate ways to understand explicit and implicit information, central ideas and key details, and claims and arguments, among other ideas and concepts. Over the course of ENG061, students will read the novel *The Road* by Jack London. They will also examine informational texts to better their understanding of the science behind sunsets, the lives of several important historical figures, the history of the Olympics, and the process of flotation used by archaeologists, among other topics.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: 5TH Grade English

ENGLISH 6B

Students will focus on learning reading skills based on literary texts. The texts come from a number of genres and include a novel, excerpts from novels, short stories, poems, and plays. The course's reading selections demonstrate ways to understand explicit and implicit information, theme, characters, plot, poetic techniques, and figurative language, among other ideas and concepts. Students will read the entire novel *The Wonderful Wizard of Oz* in almost every lesson throughout the course. They will read excerpts from the novels *Little Women* and *The Adventures of Tom Sawyer*, and stories and plays about challenging situations, getting caught doing something wrong, finding something unexpected, and why the crocodile has a wide mouth. Additionally, students will read poems from famous poets, such as Robert Louis Stevenson, Robert Frost, and Carl Sandburg, to name a few. You will also watch several videos of famous poems being read aloud.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: English 6A

ENGLISH 7A

In this course, students will improve their reading and writing skills, helping them become communicators that are more effective. Students will organize their ideas and prepare structured essays based on various topics such as personal experience and persuading others. Students will learn and practice effective research techniques as they prepare, complete and polish reports and essays. This course will also provide interactive activities, readings and PowerPoint presentations to extend learning beyond the textbook. Students participate in discussions that will include teacher feedback on a daily basis throughout the course.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: English 6B

ENGLISH 7B

The purpose of this course is to build upon the basics of English 7A and enhance the ability of students to read literature of a wide variety. Students continue to develop their writing through unit projects and the application of the Six Traits of Writing to the processes of prewriting, organizing, drafting, revising, editing and publishing. Students will complete six units of varying topics, comprised of five lessons each.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: English 7A

ENGLISH 8A

In this course, students will read and analyze literary and informational texts. These texts will come from a number of genres and from a number of sources, including short stories, novels, myths, poems, magazine articles, and autobiographies. Through the presentation of these types of reading selections, the course demonstrates ways to understand explicit and implicit information, theme, central idea, and figurative language. They will read the novel *The Call of the Wild* and short stories, such as “The Lottery,” “A Sound of Thunder,” and “The Tell-Tale Heart.” They will examine informational texts to better your understanding of the Yukon, the Klondike Gold Rush, dog sledding, and wolves. In addition, students will encounter numerous infographics and videos that build on the instruction.

As students read the selections in this course, they will practice ways to use supporting evidence, identify central ideas, make inferences, analyze word choice, and identify figurative and connotative language in both literary and informational texts. In addition, they will learn about basics in grammar, usage, and punctuation, including phrases and clauses, sentence structures, ellipses, dashes, and commas. Students will also review context clues to determine word meaning and learn about Greek and Latin prefixes, suffixes, and roots.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: English 7B

ENGLISH 8B

In this course, students will read and analyze both literary and informational texts. These texts come from a number of genres and from a number of sources, including short stories, novels, poems, Internet articles, and political speeches. The course’s reading selections demonstrate ways to understand explicit and implicit information, theme, central idea, and figurative language, among other ideas and concepts. They will read parts of the novels *Fahrenheit 451*, *Hatchet*, and *Black Beauty*, as well as short stories such as “How the World Was Saved,” “Harrison Bergeron,” and “All Summer in a Day.” As they read the selections in this course, they will practice ways to use supporting evidence, identify central ideas, make inferences, analyze word choice, and identify figurative and connotative language in both literary and informational texts.

Students will also learn about basics in grammar, usage, and punctuation, including phrases, clauses, sentence structures, verbals, mood, and active and passive voice. They review context clues to determine word meaning, and will learn various vocabulary words and more about Greek and Latin prefixes, suffixes, and roots. In addition, students will learn the elements of informational and argument writing so that they can plan, create, write, revise, and edit their own informational and argumentative essays.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: English 8A

MATHEMATICS

MATH 6A

Students will build on previously learned concepts like adding, subtracting, multiplying, and dividing. They will deepen their knowledge of arithmetic with fractions and work with decimals and negative numbers. They will apply these new skills to help solve real-world problems using statistics, ratios, unit conversions, and geometry, as well as expand their ability to write and evaluate expressions, including ones involving new concepts like variables and exponents. Students will also begin working with equations and learn what it means to solve them.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: 5th grade Mathematics

MATH 6B

This course will help the student master the Common Core concepts required at the sixth grade level. Each concept is explained and problems are presented in a variety of ways. This allows students to learn in their own way. The student can use his or her current knowledge to learn the new concepts and develop mastery level skills.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: Math 6A

MATH 7A

Students begin with adding and multiplying rational numbers by using number lines, rules, and properties. Then, they move their focus to proportional relationships given in tables, diagrams, graphs, equations, and verbal descriptions. They also learn how to solve problems by finding and comparing unit rates. Next, they rewrite expressions using properties, as well as write and solve simple linear equations by using different methods. The next area of study is probability and statistics, where they will interpret and calculate simple probabilities, as well as learn about populations and samples. Finally, they move on to geometry and learn how to solve problems about scale drawing, circles, and angle relationships and draw some geometric shapes.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: Math 6B

MATH 7B

This second half of Math Basics will continue to expand the student's math skills in preparation for algebra and geometry. All concepts are presented in multimedia presentations allowing the student to learn in their own style. This course provides multiple opportunities for the student to learn new concepts, as well as reaching mastery level of basic math skills.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: Math 7A

MATH 8A

In this course, students begin with the fundamentals of algebra, where they compare, order, and perform operations on rational and irrational numbers, use inverse operations to solve for a variable in one- and two-step equations, write and solve two-step equations from contextual situations, and analyze properties of functions, focusing on linear functions. The next area of study is very large and very small numbers, where they will solve

expressions involving powers of a common base, convert numbers to and from scientific notation, and perform operations on numbers in scientific notation. They will then move on to geometry, where they will perform rigid transformations on figures and prove congruence of figures through a series of rigid transformations.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: Math 7B

MATH 8B

Math 8B helps students move from simple mathematics to the exciting worlds of algebra, geometry, and statistics. Students build basic skills within each of these three branches of mathematics, as well as the connections between them. In this course, students learn to find multiple solutions, and to read a graph to help find solutions. Students also learn the many ways that graphs can help to quickly and accurately turn algebraic symbols into easy-to-interpret real-life meanings. Students experiment and interact with concepts, such as performing transformations and calculating measurements of three-dimensional figures, which helps them build a solid foundation for future studies. The course wraps up with a study of statistics and probability, which helps students to see how the world works and to discover some of the interesting ways that math is used to describe the world.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: Math 8A

SCIENCE

SCIENCE 6A

Science 6A is an introduction to the basics of scientific thinking and investigation. In this course, students will learn how to make predictions, investigate and interpret data. These concepts will then carry over to the other parts of 6th grade science where they will practice and use the scientific process. Students will also explore the structure and function of living systems. This will include learning about the cell, different groups of living things, how living things are organized and how different structures work together to carry out certain functions.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: None

SCIENCE 6B

This is the second course for 6th grade science. It is a continuation to the basics of scientific thinking and investigation. In this course, students will continue to practice making predictions, investigating and interpreting data. Students will also explore the composition of Earth and how Earth interacts with the atmosphere. This will include learning about Earth's weather and climate. This course also covers how organisms interact with their environment and the various changes that can occur. Finally, students will learn how energy is transferred and stored.

SUGGESTED GRADE LEVEL: 6

PRE-REQUISITES: Science 6A

SCIENCE 7A

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: Science 6B

SCIENCE 7B

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

SUGGESTED GRADE LEVEL: 7

PRE-REQUISITES: Science 7A

SCIENCE 8A

Science 8A focuses on life science concepts from biology, ecology, and environmental science. Science 8A also explores the nature of science and has engineering and technology practices threaded throughout the course. This course begins with an introduction to scientific processes.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: Science 7B

SCIENCE 8B

Science 8B focuses on physical science concepts from physics to chemistry. This course begins with an introduction to the history of physics. Then, the course explores the fundamentals of physics, including graphing and Newton's laws of motion. The second half of the course begins with an introduction to the history of the study of chemistry. The course then explores the different properties of matter, elements, compounds, and mixtures. Science 8B ends with a brief look at the current research that is taking place in these two areas of science.

SUGGESTED GRADE LEVEL: 8

PRE-REQUISITES: Science 8A