

D91 7th Grade Online Courses

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<p>ENGLISH 7A</p>	<p>What does being a hero mean? As students enter their early teen years many changes will be occurring in their lives and this course will help them identify a personal hero after reading the poignant adventure novel, <i>The Hero</i>, by Ron Woods. For the first half of 7th grade, English students will begin exploring what “Coming of Age” means and continuing to analyze this topic through fiction, nonfiction, poetry and story. Finally, students will reflect on the growth and maturity they have experienced over the course of their young lives. This is the first of this two trimester course. (English 7A and 7B)</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: <i>The Hero</i> by Ron Woods, ISBN: 978-0-44022-978-0? This book will need to be purchased or borrowed from a library. Students will be encouraged to print materials.</p> <p>Headset or earbuds.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>MATH 7A</p>	<p>This is the first trimester of a two trimester Math 7 course that aligns to the Idaho Core standards for seventh grade mathematics. This course will dive deeper into concepts in equations, expressions, measurement, inequalities, proportions, and functions and will connect those concepts to real-world applications. Students will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
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<p>LIFE SCIENCE A</p>	<p>This course focuses on the study of living organisms and all of the life processes that keep them alive. Students will learn how scientists use the scientific method to explore and understand living things, and their environment; and the characteristics all living things have in common. Life Science A will take you through coursework, labs, and activities covering the scientific method, the processes and tools of science, cells and their organelles, photosynthesis, genetics, evolution and natural selection, and the fossil record and Geologic Time. This is the first trimester of a two trimester course.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>SOCIAL STUDIES EASTERN HEMI GEOGRAPHY</p>	<p>This course covers: Understand the five themes of geography and their meanings, students must recognize the spatial organization of people, places, and environments on the earth's surface. Understanding the geography, culture, history, economy and contemporary issues of the Eastern Hemisphere study must apply the five themes of geography. Understand and interpret information from maps to differentiate between absolute and relative locations. Understand that every place has distinct physical and/or human characteristics. Understand that people, goods, and ideas move from one place to another as do plants, animals, and other physical features. Understand that human-environment interaction occurs because humans depend on, adapt to, and modify their surroundings. Understand that a region is a group of places that have physical features in common. Understand that every place has distinct physical and/or human characteristics. This is a 12 week, 1 trimester course. Second trimester will be World Geography</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

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ENGLISH 8A	<p>This is the first trimester of a two trimester English 8 course that aligns to the Idaho Core standards. The course is focused on investigating the past and the present, beginning with a look at mystery and fear. Students will conduct research on an unsolved mystery and write their own mystery narrative. They will also conduct research on a topic related to sustainability. The course concludes with a study of autobiography. Students will read Farewell to Manzanar about the Japanese-American internment camps during World War II. Throughout the course, students will investigate questions such as, What is the purpose of Investigation?, How do I find reliable information?, How do people react to events that are out of their control?, and How can I help my readers connect to my writing?.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Additional Book: Farewell to Manzanar by Jeanne Wakatsuki Houston and James D. Houston</p> <p>Earbuds and Microphone</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

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MATH 8A	<p>This is the first trimester of a two trimester Middle School Math course that aligns to the Idaho Core standards for middle school mathematics. This course will dive into the concepts of input-output relationships, linear functions, linear equations, systems of equations and their applications, exponents, and exponential equations and their applications. We will connect these concepts to real-world applications. Students will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Math 7 Prerequisites (required prerequisites): Math 7</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
ALGEBRA 1A	<p>This course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The completion of this course will prepare students to continue on to the second trimester of Algebra 1, and then on to Algebra 2 or Geometry. This is the first trimester of a two trimester course that can earn the student 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisite: Completed Math 8</p> <p>Required Textbooks and Resources: Graphing calculator or graphic calculator app. options: Calculator.com Online as well as Android and iPhone apps - http://www.meta-calculator.com/online/ https://www.desmos.com/calculator iPhone App - https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8 http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html Mathlab Android App (also available for Nook and from Amazon) - https://play.google.com/store/apps/details?id=us.mathlab.android&hl=en</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>

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<p>PHYSICAL SCIENCE A</p>	<p>Physical Science A explores primary concepts of Physics in the real world as we know it. You will be exposed to exciting concepts of motions and forces, acceleration, lab safety, metrics, simple machines, energy, electricity, magnetism, waves, sound, light, and more. You will experience virtual simulations of these concepts as well as try your hand at some hands-on labs to explore in real life. This is the first trimester of a two trimester course.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. See the attached lab supply list.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>SOCIAL STUDIES WORLD HISTORY A</p>	<p>This course covers early hunter-gatherer communities during the Paleolithic Age to the Agrarian communities in the New Paleolithic Age. Students will learn about Ancient River Valley Civilizations and their achievements that helped to develop the civilized world. They will learn about the social, economic, and political characteristics of ancient Greece, Rome, the Byzantine Empire, early African and Mesoamerican civilizations. They will evaluate the role of the Catholic Church during the Middle Ages and determine the achievements of the Renaissance Era in order to explain how western society benefited from this Reformation. This is the first trimester of a two trimester course.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Other technical skills will be taught within the course.</p>