



IDAHO VIRTUAL ACADEMY

Middle School Course Catalog 2024-2025

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ENGLISH / LANGUAGE ARTS	MATHEMATICS	SCIENCE	SOCIAL STUDIES
ENG06: English 6 ENG07: English 7 ENG08: English 8	MTH Foundations I: 6 th & 7 th MTH Foundations II: 8th MTH06: Math 6 MTH07: Math 7 MTH08: Math 8	SCI06: Earth Science SCI07: Life Science SCI08: Physical Science	HST06: American History HST07: World History I HST08: World History II

School Connect

***School Connect:** School Connect is a district-wide live class designed to enhance students' study skills and habits, ensuring they are well-equipped for academic success. Key areas of focus include time management, organization, goal setting, note-taking, emotional regulation, and test preparation. Emotional regulation strategies will focus on general skills, scenarios, and practical tools that can be applied universally. Students will learn emotional regulation skills in a way that is safe and non-invasive, and personal experiences will not be gathered, assessed, or collected during these classes. Idaho Virtual Academy/Insight School of Idaho's attendance policy requires students to attend a minimum of 90% of class connects. Students can earn up to 2 high school School Connect Credits per school year.*

Middle School Electives

6 th Grade Elective	7 th Grade Elective	8 th Grade Elective
<ul style="list-style-type: none"> ● ART06: Intermediate American Art 	<ul style="list-style-type: none"> ● OTH07: Physical Fitness 	<ul style="list-style-type: none"> ● CAR005: Career Explorations

All middle school electives will begin on September 30, 2024. IDLA overload elective course options are available upon request. Please contact your school counselor for more information.

MIDDLE LEVEL CREDIT REQUIREMENTS

Content Area	Credit Requirements
Core of Instruction <ul style="list-style-type: none"> ● 6th-8th Math ● 6th-8th ELA ● 6th-8th Science ● 6th-8th Social Studies 	24 credits
Total Credits	24 Credits
IDAPA Rules Governing Thoroughness 08.02.03.107 – Middle Level Credit System (pp. 11-12)	

CORE SUBJECT AREAS	24 CREDITS
Language Arts English 6 – 2 credits English 7 – 2 credits English 8 – 2 credits	6 credits
Mathematics Math 6 - 2 credits Math 7 - 2 credits Math 8- 2 credits	6 credits
Science Earth Science – 2 credits Life Science – 2 credits Physical Science – 2 credits	6 credits
Social Studies American History – 2 credits World History I – 2 credits World History II – 2 credits	6 credits
ELECTIVE SUBJECT AREAS	4 CREDITS (does not count towards middle level credit requirements)
Art (6th grade) ART06: Intermediate American Art	1 credit
Health & PE (7th grade) OTH07: Physical Fitness	1 credit
Career Explorations (8th grade) CAR005: Career Explorations	1 credit

ADDITIONAL REQUIREMENTS	DESCRIPTION
Attain 75% of Credits	Students shall be required to attain a minimum of 75% of their attempted credits to be promoted to the next grade level.
Full Year of Credit in Core Courses	Students will not be allowed to lose a full year of credit in math, English/Language Arts, Science, or History. A student would not be able to fail a full year of any course and automatically move on to the next grade level.
Pass Math 8	Students must pass Math 8 to be permitted into 9 th grade. IDAPA Rules Governing Thoroughness 08.02.03.104.02.b (p. 8)



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English / Language Arts

ENG06: English 6

This course equips students with the essential language arts skills needed throughout their academic careers. Students read and analyze a variety of informational and fictional texts. Instruction and reading strategies accompany reading selections to help engage students in the text and sharpen their comprehension. Students express their ideas and knowledge using standard (formal) English in written and oral assignments. Writing expressive, analytical, and procedural compositions helps students develop communication skills necessary in today's world. Vocabulary is taught explicitly and through an array of vocabulary acquisition strategies that give students the tools to independently increase their vocabulary. Students study grammar, usage, and mechanics; and practice sentence analysis, sentence structure, and proper punctuation. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

ENG07: English 7

This course continues the development of comprehension and analysis of informational and fictional texts with an ongoing emphasis on reading strategies. Students express themselves using standard (formal) English in written and oral presentations. Analyzing and practicing the form and structure of various genres of writing enhances students' communication skills. Students study a variety of media to understand informational and persuasive techniques, explicit and implied messages, and how visual and auditory cues affect messages. Grammar, usage, and mechanics skills are deepened. Students continue to widen their vocabulary and apply acquisition strategies. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

ENG08: English 8

Throughout this course, students engage in literary analysis and close reading of short stories, poetry, drama, novels, and informational texts. The course focuses on interpretation of literary works, analysis of informational texts, and the development of oral and written communication skills in standard (formal) English. Students read "between the lines" to interpret literature and go beyond the text to discover how the culture in which a work of literature was created contributes to the theme and ideas it conveys. Analysis of the structure and elements of informational texts and media helps students develop the skills needed for academic success and navigating the world. Students continue to acquire knowledge and skills in grammar, usage, mechanics, and vocabulary. Implementing reading strategies, self-monitoring progress and reflecting on successes and challenges help students become metacognitive learners. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

Mathematics

Math Foundations I:

This course will work on the foundations skills to prepare students for success toward Middle School Standards. Semester 1 will focus on Multiplication, Division, Exponents, Ratios/Rates, and Percents. Semester 2 will focus on Fractions, Decimals, Positive and Negatives numbers, Rational/Irrational Numbers, and Intro to Expressions.

Math Foundations II:

This course will work on Foundations skills to prepare students for Algebra. Semester 1 will focus on properties of expressions, expressions, scientific notation, equations, and inequalities. Semester 2 will focus on slope, equations related to slope, data, and probability. This course will satisfy the Middle Level Credit System requirement for 8th grade math standards.

MTH06: Math 6

In Stride’s Grade 6 mathematics course, students deepen their understanding of multiplication and division of fractions to apply their knowledge to divide fractions by fractions, with an additional focus on increasing efficiency and fluency. Students gain a foundation in the concepts of ratio and rate as an extension of their work with whole number multiplication and division, and in preparation for work with proportional relationships in Grade 7. Students also make connections among area, volume, and surface area, and continue to lay the groundwork for deep algebraic understanding by interpreting and using expressions and equations.

MTH07: Math 7

In Stride’s Grade 7 mathematics course, students focus on real-world scenarios and mathematical problems involving algebraic expressions and linear equations and begin to apply their understanding of rational numbers with increased complexity. The course lays the foundation for exploring concepts of angle, similarity, and congruence, more formally addressed in Grade 8, as students work with scale drawings and construct and analyze relationships among geometric figures. Students also develop and apply understandings of proportional relationships.

MTH08: Math 8

The Summit Math 8 course prepares students for more advanced study in algebra as students solve linear equations and systems of equations, work with radical and integer exponents, gain conceptual understanding of functions, and use functions to model quantitative relationships. To prepare students for more advanced study in geometry, the course emphasizes the Pythagorean theorem and a deepening exploration of similarity and congruence.

Science

SCI06: Earth Science

The Earth Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the amazing landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, the curriculum gives students an opportunity to relate to their everyday world. Students will explore topics such as the fundamentals of geology, oceanography, meteorology, and astronomy; Earth’s minerals and rocks; Earth’s interior; plate tectonics, earthquakes, volcanoes, and the movements of continents; geology and the fossil record; the oceans and the atmosphere; the solar system and the universe. Lesson assignments help students discover how scientists investigate the science of our planet.

SCI07: Life Science

The Life Science program invites students to investigate the world of living things—at levels both large and small—by reading, observing, and experimenting with aspects of life on Earth. Students explore an amazing

variety of organisms, the complex workings of the cell and cell biology, the relationship between living things and their environments, and discoveries in the world of modern genetics. Students tackle such topics as ecology, microorganisms, animals, plants, cells, animals, species, adaptation, heredity, genetics, and the history of life on Earth. Lesson activities and assignments help students discover how scientists investigate the living world.

SCI08: Physical Science

The Physical Science program introduces students to many aspects of the physical world, focusing first on chemistry and then on physics. The course provides an overview of the physical world and gives students tools and concepts to think clearly about matter, atoms, molecules, chemical reactions, motion, force, momentum, work and machines, energy, waves, electricity, light, and other aspects of chemistry and physics. Among other subjects, students study the structure of atoms; the elements and the Periodic Table; chemical reactions; forces, including gravitational, motion, acceleration, and mass; and energy, including light, thermal, electricity, and magnetism.

History

HST06: American History

The second half of a detailed two-year survey of the history of the United States, this course takes students from the westward movement of the late 1800s to the present. Lessons integrate topics in geography, civics, and economics. Building on the award-winning series *A History of US*, the course guides students through critical episodes in the story of America. Students examine the impact of the settlement of the American West, investigate the social, political, and economic changes that resulted from industrialization, explore the changing role of the United States in international affairs from the late nineteenth century through the end of the Cold War, and trace major events and trends in the United States from the Cold War through the first decade of the twenty-first century.

HST07: World History I

Intermediate World History A surveys the story of the human past from the period before written records, prehistory, through the fourteenth century. The course is organized chronologically and, within broad eras, regionally. The course focus is the story of the human past and change over time, including the development of religion, philosophy, the arts, and science and technology. Geography concepts and skills are introduced as they appear in the context of the historical narrative. Students explore what archaeologists and historians have learned about the earliest hunter-gatherers and farmers, and then move to a study of the four river valley civilizations. After a brief writing unit, they study the origins of Confucianism, Hinduism, Buddhism, and Judaism and the eras in which they developed. The second half of the course traces the story of classical Greece and Rome, the Byzantine Empire, the origins of Christianity and Islam, and then continues through the fourteenth century in Europe, North Africa, and East Asia. Historical thinking skills are a key component of Intermediate World History. Students practice document and art analysis, conduct research, and write in a variety of formats. They also practice map reading skills and look at how historians draw conclusions about the past as well as what those conclusions are.

HST08: World History II

Continuing a survey of World History from prehistoric to modern times, Stride online lessons and assessments complement the second volume of *The Human Odyssey*, a textbook series developed and published by Stride. This course focuses on the story of the past from the fourteenth century to 1917 and the beginning of World War I. The course is organized chronologically and, within broad eras, regionally. Lessons explore developments in religion, philosophy, the arts, and science and technology.

6th Grade Elective

ART06: Intermediate American Art

Intermediate Art: American II is designed to complement K12 American History II. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of American art and architecture from the end of the Civil War through modern times. Students will investigate paintings done in various styles, from Impressionist to Pop; learn about modern sculpture and folk art; discover how photographers and painters have inspired one another; examine examples of modern architecture, from skyscrapers to art museums; and create artworks inspired by works they learn about.

**This is a yearlong elective and graded on a pass/fail basis.

**Students enrolling after September 16th, 2024, will not be eligible to enroll in this course.

7th Grade Electives

OTH07: Physical Fitness

Students will develop the knowledge and skills they need to make positive fitness decisions to stay active, safe, and informed, as teenagers and adults. The lessons and activities introduce important aspects of physical health and fitness and focus on helping students learn new fitness skills and stay active. Students will set fitness goals and assess their progress throughout the course. Students will use daily Fitness Plans to guide their physical activity and Fitness Logs to track their activity.

Units of Instruction:

- Unit 1: Understanding Fitness
- Unit 2: Setting Fitness Goals
- Unit 3: Strength and Safety
- Unit 4: Breathing, Balance, and Dance
- Unit 5: The Science of Sport
- Unit 6: Get Moving!
- Unit 7: Keep Moving!
- Unit 8: Motor Skills and Sport Strategies
- Unit 9: Measure Your Fitness

**This is a year-long elective and graded on a pass/fail basis.

**Students enrolling after September 16th, 2024, will not be eligible to enroll in this course.

8th Grade Electives

Career Exploration

In this course student will get the opportunity to explore careers in a variety of fields and disciplines and understand the necessary skills and education needed to choose a future path. Students will discover careers

including business and finance, manufacturing, engineering, and others career clusters. During their exploration, students learn about the required education and training needed for the different career clusters. This course utilizes a project-based learning (PBL) approach. Students will develop skills in teamwork, time management, goal setting, decision-making, communication, and recognition of diverse viewpoints.

****This is a required, yearlong course and graded on a pass/fail basis.**