



Ernest Hemingway STEAM School

Required Core Courses

All students take *Language Arts/English, Mathematics, Science, Social Studies, Advisory* and *Art in Engineering*. During the 1st trimester of the year, all 6th grade students will be enrolled in middle school orientation class, receiving instruction in keyboarding, computer applications, social emotional learning and study skills. In addition, students will select 2 electives.



Art in Engineering -Students will become creative problem solvers. Our explorations into art will enhance students’ creativity and communication skills. Engineering will build upon their critical thinking, data-driven problem solving, and collaboration skills as they navigate the problem solving process. They will engage in Problem Based Learning, solving real world problems in their local communities.

Trimester Elective Options

The electives offered in the 6th grade schedule will be based on student interest. Students will take two (2) electives throughout Winter & Spring. Ski Team athletes must select Ski Team Directed Study.

Winter or Spring trimester

Virtual Reality and Design - Students use the Block Smith coding program, a cutting-edge computer science program crafted specifically for Idaho secondary students. This program connects core computer science concepts like logical processing, coding language, and graphics to real-world applications through guided challenges. Students can build virtual worlds and games. Participants will be able to enter the worlds they design through the use of VR viewing tools.

Intro to Spanish - This course is designed as a snapshot of Spanish. It will incorporate songs, games, and basic conversation in fun and engaging ways. In this class we will celebrate Spanish, seeking to understand and accept Spanish-speaking countries and cultures.

Winter only

Backcountry Basics - Assessment, problem solving, communication, motor and planning skills will be developed regarding activities for safe outdoor recreation in the backcountry environment.

Basketball & Physical Education - Students will participate in drills and scrimmages in this class. Experience is not required - just a good attitude.

Green Design and Invention - From harnessing solar energy to stopping pollution, students will use STEAM power to design and invent today for a green tomorrow.

Innovation - Students journey from learning the habits and actions of innovators to unleashing the innovator within. This is taught by the EHSS GATE teacher and is open to all students looking for a challenge

Introduction to Speech & Debate - Students will be introduced to different public speaking and debate styles. Students will use 21st century skills to research and present to their audience.



Ski Team Directed Study - (*mandatory for all Ski Team athletes missing school for 2 or more days per week.*) This class will be a link between the various ski teams and school, providing a location and a staff member to help keep ski team athletes current on their school work to allow for success in both skiing and school.

Spring only

Science Fiction and Technology - What came first, the fiction or the technology? Students will examine this question through various sci-fi mediums: fiction, movies, TV shows, shorts, etc. Does science fiction drive technology or does technology inspire science fiction?

Soccer/ Physical Education - This class will focus on learning the game of soccer. The class periods will be built around the level of the participants focusing on fun and sportsmanship. The class will provide students an opportunity to play soccer and grow within the sport each day.

Theater Arts – Building skills for success on stage, students will explore all aspects of theater, and performance in a show for the whole school.



World Cultural Studies – World Cultural Studies will encourage students to become life-long explorers who discover their connectedness to the Global Community, experience world languages, music, food, dance, visual and media arts, architecture and geography. Students will participate in hands-on learning with guest speakers and projects that aim to fuel their enthusiasm for exploring the world. The teachers of World Cultural Studies are exploring the possibility of an optional international travel experience to take place after students have completed this course.



*Thank you for choosing
Ernest Hemingway STEAM School*

HEMINGWAY

STEAM SCHOOL

**6th Grade
Elective
Courses**

2021-2022

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