

2024-2025 6th Grade OSS Tech Campus Elective Descriptions



Art In World Cultures:

Students explore art from around the world throughout history through project-based activities. Based on directed investigation, students reinterpret selected forms to promote understanding of themes, purposes, symbolism, and traditional formal characteristics. Students compare various cultural responses in art to universal themes, gaining respect for diverse perspectives and the rich heritage shared by cultures from around the world. Supporting geographic, cultural, and societal studies, and historical context help students refine their understandings of time and place in global cultures. Students consider the value of preserving these works in today's museums and other public buildings, private collections, and in digital format for sharing and study via the internet. This course incorporates hands-on activities and consumption of art materials.

Coding With Robots:

Students will have the opportunity to build and program robots using robotics kits. Robots and programming will vary in levels of sophistication. Students will learn beginning coding skills as well as early robotics building knowledge. Students will not only have the opportunity to build and program robots, but also think about how robots can be used to solve real world problems.

Competition Math – Year Long Elective:

Students who received a Level 5 on FAST Math can register for this class. To qualify for placement in this course, students must be concurrently enrolled in Pre-Algebra.

This course is suited for students who are gifted in math, desire to perform better in math competitions, or simply enjoy math! Through classroom resources and friendly competition, the OSS Competition Math Program helps students foster their love of mathematics. The program positively impacts the analytical skills needed for future careers in an innovative society. The students will be learning a high level of Algebraic concepts and may get an opportunity to compete at the Invitational, Local, and State Competitions. This course is not designed as a support course for those who need extra practice in their core math course.

Creative Writing:

This course is designed to help students develop the skills for understanding and analyzing the art and craft of creative writing. Students will begin to develop critical editorial skills regarding their own work and that of their peers. Students will read a variety of published stories, essays, and poems and learn how to apply the techniques of other writers to their writing while developing their own voice.

English Essentials:

Students who received a level 1 or low level 2 on the ELA FAST will be automatically placed into English Essentials (if not already placed in Math Essentials) and therefore may only have one, or no, elective choices. Students placed in this course will have an opportunity to exit the program.

This course is designed as a support course for those that need extra practice in English/Language Arts. The course standards include reading informational texts, reading literature, conventions and writing concepts.

Entrepreneurship & Career Planning:

The purpose of this course is to enable students to explore careers/career clusters and make informed career choices. Activities enable students to increase self-awareness and develop the skills needed to successfully plan for postsecondary education and the workplace. Career assessment should include interests, aptitudes, and basic skills. Students will also learn basic digital literacy skills. Keyboarding, basic word processing, and formatting skills are a part of the curriculum to support students in being able to communicate and collaborate in our global society.

Math Essentials:

Students who received a level 1 or low level 2 on the Math FAST will be automatically placed into Math Essentials (if not already placed in English Essentials) and therefore may only have one, or no, elective choices. Students placed in this course will have an opportunity to exit the program.

This course is designed as a support course for those that need extra practice in math. The course standards include problem solving, working with numbers, expressions, and operations, understanding the characteristics of a function, writing and solving linear functions, equations, and inequalities, representing and solving quadratic functions and equations, and generalizing about data and distributions. Students receiving low grades in their core math class may be placed in this course during the 2nd semester.

Model UN:

This elective is an educational simulation and/or academic competition in which students can learn about diplomacy, international relations, and the United Nations. Model UN involves and teaches researching, public speaking, debating, and writing skills, in addition to critical thinking, teamwork, and leadership abilities.

Stem Earth and Space:

In STEM Earth and Space Systems you will learn and explore the interrelationships between the earth, air, space, life, and water. You will learn using a combination of lab investigations, modeling, reading, and data interpretation. Topics include climate change, human impact on the environment, and more.

Stem Environmental Science:

STEM Environmental Science includes an integration of standards from science, mathematics, and **English** language arts (ELA) through the application to STEM problem solving using environmental sciences knowledge and science and engineering practices. Environmental sciences through applications such as ecosystem management, human-environmental impact, ecology and agriculture, land and resource management, and civil and environmental engineering, are emphasized in this course.

Study Hall:

Study halls are to be utilized by students for academic reasons and are an integral part of our educational process. Students have a quieter space to complete homework, class assignments and any other work that is related to their classes to remain prepared for the school year. **Students that do not complete homework and classroom assignments might be placed in the Study Hall elective.**

Team Sports:

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledgeable of team sports concepts, such as offensive and defensive strategies and tactics, and aware of appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.