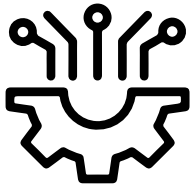


July 30th-Aug 1st
9:00 am - 3:00 pm

STEM into Science

2nd-4th

Who is ready to have hands-on experience with Science? The goal is to provide hands-on learning to help students engage in science. Students who do hands-on activities tend to remember more of what they were taught. During this course, students will build rockets, build 3-D diagrams of solar systems, create weather tools, use household items, and use a variety of edible treats to show the physical changes of the Earth. Using what they learn, from each activity, students will be able to identify the steps of the scientific process.



Make Your Own Video Game

2nd-4th

Are you interested in grasping essential programming concepts and developing key computational thinking skills in an enjoyable new format? Join this brief introductory course to learn programming fundamentals, where you'll utilize Microsoft MakeCode Arcade to design your own video game inspired by the Nintendo Gameboy!

Lego Robotics I

3rd-5th

This is a beginning course in robotics. We will be utilizing Lego Mindstorm kits. The objective of this course is to introduce the student to basic programming as well as problem-solving strategies. This course will involve students in the development, building and programming of a LEGO Mindstorm robot. Students will work to design, build, and program. Topics may include motor control, gear ratios, friction, sensors, program loops, decision-making, and timing sequences. Student-designed robots will be programmed to complete various assigned tasks (challenges).



Microbes without Borders

4th -6th

This course investigates the importance of the diversity of microbes and their significance in our everyday lives. Different microbes are explored in readings, audiovisual materials, and hands-on explorations. Topics include viruses, bacteria, parasites and fungi, microbes and art, bioterrorism, GMOs and biotechnology, food production, and the role of microbes in agriculture. Issues like disease spread and prevention, vaccines, and drug resistance will be examined. Students will participate in a microbiology techniques lab and epidemiology research and plan to solve some of the global issues that are currently facing humanity.



July 30th-Aug 1st
9:00 am - 3:00 pm

Creative Writing

4th-6th

Dive into the world of storytelling with our "Creative Writing" course, designed for aspiring writers eager to explore their creativity and refine their craft. This immersive program offers a comprehensive introduction to various genres of creative writing, from fiction and poetry to memoir and screenwriting. Whether you're an absolute beginner or looking to enhance your writing skills, this course will provide the tools, techniques, and inspiration to bring your stories to life.

Debating for Impact

6th-8th

Welcome to debate and public speaking. Students will be introduced to public speaking and will practice these skills while debating important current and/or historical topics that influence American society today. This is an "On your feet" competitive, and highly participatory course that is geared toward the development and enhancement of communication for both debating and public speaking. Students will learn how to prepare arguments for and against a position, listen and learn critical thinking, and how to speak persuasively on a topic.



Mind Matters-

Intro to Psychology

7th -9th Grade

Interested in taking AP Psychology? Let's explore the basic principles and theories of Psychology, including personality, learning, memory, intelligence, and human behavior. Each class would provide hands-on activities and/or demonstrations, such as identifying brain parts, memory activities, personality tests, and identifying types of abnormal behavior. Come discover and learn how and why our brains develop by studying and understanding mental processes, brain functions, and behaviors.



The Art of Drawing

7th-12th

Welcome to Drawing Class, where your imagination takes the lead! Whether you're a doodler or a detail-lover, this class is all about exploring your creativity. From sketching basics to bold masterpieces, we'll dive into techniques that make your ideas come to life. Grab your pencils, let's turn those blank pages into works of art!

