

August 4th-8th
1:00 pm - 4:00 pm

STEM into Science

2nd-4th

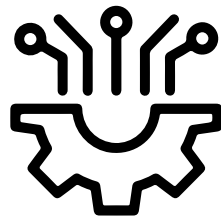
Who is ready to have hands-on experience with Science? The goal is to provide hands-on learning to help students engage in science. Students who do hands-on activities tend to remember more of what they were taught. During this course, students will build rockets, build 3-D diagrams of solar systems, 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.



Lego Robotics I

3rd-5th

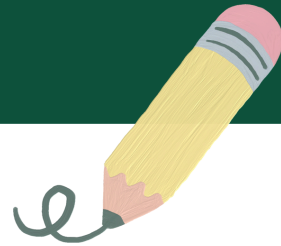
This is a beginning course in robotics. We will be utilizing Lego Mindstorm kits. The objective of this course is to introduce the student to basic programming as well as problem-solving strategies. This course will involve students in the development, building and programming of a LEGO Mindstorm robot. 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).



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.



The Art of Drawing

4th-6th

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!

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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.



Statistics Sanity

Grades-7th-9th

Through Statistics Sanity students will lay a foundation of statistical knowledge through fun experiments involving real-world data. Whether it be exploring the probability principles in a hands-on casino or conducting surveys about favorite candy or video games, students will collect, analyze, and draw conclusions in various settings. There will be projects students will create to help build skills in statistics. This is a great course to prepare students for high school or college Statistics. The use of technology (TI Graphing Calculator) and supplemental videos will be an integral part of the sessions.



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.



Dive into Oceanography!

Grades-8th-10th



Did you know the Earth should technically be called an Ocean? Covering over 70% of our planet, the world's ocean is Earth's biggest habitat. If you are curious and passionate about the ocean, spend a week diving into oceanography! On the first day, you will discover the many early ocean explorers and their contributions to mapping the world, discovering seafloor features, and early oceanographic research on animals. Case studies of modern scientific expeditions and the fascinating careers available to you as a future oceanographer will also be a focus of our activities and discussions. Each successive day in Dive Into Oceanography will be a deep dive into one of the four disciplines of oceanography: geological, chemical, physical, and biological oceanography. Using many hands-on experiments and demonstrations, students will learn all about the geology of the seafloor, the chemistry of seawater, the mathematics of ocean physics, and the amazing life in the ocean - from the daily vertical migrations of the smallest plankton, the eyebrow-raising flying squids, and the sometimes strange, yet fascinating behaviors of whales!