

June-24th-28th
9:00 am - 12:00 pm

Painting into Art

2nd -6th

"Painting into Art" invites students to explore the diverse techniques, styles, and expressive possibilities of painting as a visual art form. From the basics of color theory to the mastery of various painting mediums, students will embark on a journey that combines technical skill with personal expression, fostering creativity and a deeper understanding of the visual language. Letting the students know that they can express their vision with anything that they decide to touch.



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.

Think Like a Mathematician

3rd-4th

Math is everywhere and it is exciting to introduce students to real-world applications of the concepts they study in school each day. In Think Like a Mathematician, students will explore interdisciplinary content, foster creativity, and develop higher-order thinking. Students will engage in exploration activities, complete mathematical challenges, and then apply what they have learned by making real-world connections.



Mission to Mars

3rd-5th

Ever wanted to an exciting journey? What if you could take that journey from the comfort of the classroom? Welcome to Mission to Mars! Over the course of these lessons, students will learn about and plan a mission to Mars. Students will apply their creativity and science and math knowledge to explore the Red Planet. Not a scientist or engineer? That's okay! You're going to learn everything you need to know while preparing for and conducting these lessons. And you actually already have some engineering skills, whether you know it or not. Ready, set, let's go!

The Mysterious Mask:
Creating and Understanding
Mask-work

4th-6th

What do the Ancient Greeks, Japanese, people of sub-Saharan Africa, Italian comedy, and the tribes of Native American peoples all have in common? They are among the many cultures that use masks in performance. All around the world, people have been using masks in rituals and performances to celebrate and tell the stories of their people. In this course, students will not only learn about how cultures around the world use masks in performance but also what inspires them to create these pieces of art. To truly experience mask work, students will build their own masks. After the masks have been created, students use improvisation and acting techniques to find the character their mask embodies. The course concludes with students hosting a tea party for their families as their masks, giving a brief introduction to the group telling them about themselves as the mask character. Paint and mask embellishments will be available, and students are encouraged to bring in any additional paints or embellishments they wish to adorn their masks.



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LifeLab:
Animal, Vegetable, Mineral
4th - 6th

We will be looking at how animals connect with the plant and nonliving parts of our world. Students will connect the rise and fall of different eras in Earth's history with where we are now and predict what changes may come in the future. Activities include a web of life, Plant Life Cycle, Maple Seed Model for seed spreading, Comparing Animal and Plant Cells and a timeline of Earth.



Lego Robotics I
5th-7th

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).

Middle School Physics
6th-8th

Course Description: In this high energy course your middle schooler will delve into Newton's Law, electromagnetic & sound waves, thermal energy, forces & their effects on motion, energy & energy transformations, electricity magnetism, and simple machines. Students will be actively engaged with games, hands on activities, and experiments. Enroll your learner today!



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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.

On the Screen and Behind
the Camera
9th-12th



Welcome to our exciting summer program designed for middle school and high school students interested in exploring the world of filmmaking! This intensive program will immerse students in the art of film analysis, scriptwriting, and film production, fostering their literacy skills and igniting their creativity. Join us this summer for an unforgettable exploration of the art and craft of filmmaking! Whether you're a seasoned cinephile or an aspiring filmmaker, this program offers a unique opportunity to unleash your creativity, hone your storytelling skills, and bring your cinematic visions to life on screen.

*This class is structured differently than the other classes. This class will run from 9:00 am-4:00 pm, with a 12:00-1:00 pm lunch break, which will be supervised by the Center for Gifted Education Staff. This class cost of \$750.

