

July 8th - 12th
1:00 pm - 3:00 pm

STEM into Science

2nd-4th

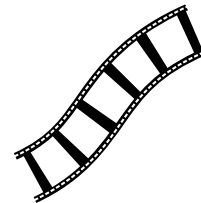
Who is ready to have hands-on experience with Science? The goal is to provide hands-on learning to help students engage in science. Students who do hands-on activities tend to remember more of what they were taught. During this course, students will build rockets, build 3-D diagrams of solar systems,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



Invitation to Invent

Grade 3-4

Invitation to Invent engages students in investigations and observations that support their learning about simple machines and their uses. Students explore force, motion, and friction as they learn about the six simple machines and how they are put together to form compound machines. Focusing on macro-concept of systems, Innovation to Invent deepens students' understanding of the scientific concepts in the unit and allows them to try their own hand at using machines for creative problem-solving.



The Creativity Connection: Integrating Creativity into Core Curriculum

3rd-5th

Do you have your best ideas when you let your mind wander? Would you like to work on strengthening your creativity? The Creativity Connection is an online course designed to get students thinking outside the box. We will ponder "What if" questions, brainstorm creative writing starters, create and solve puzzles, and use online tools to share and showcase creative thinking. Together, we will delve into concepts students have learned in new and exciting ways. Students can expand and apply their creative thinking through tasks and projects using online platforms throughout this course. Join us as we put our creativity to the test!.



Exploring America through the Decades

(1950-early 2000)

Grade 6th-8th

This course is designed to explore History In the 50's- early 2000's. Each class will discuss a different decade. We will explore the literature, art, and music of each decade to provide an understanding of how those living through the decade experienced and felt about the world around them. We will explore movements, such as Civil Rights, Women's rights, and gay pride. Cultural icons like Madonna, the Kennedys, and the Beatles. Larger issues such as rising racial tensions following the O.J. Simpson trial and Rodney King riots, the Cold War and a changing economic and political identity, and 9/11 and its profound effect in America.

Film Analysis

6th-8th

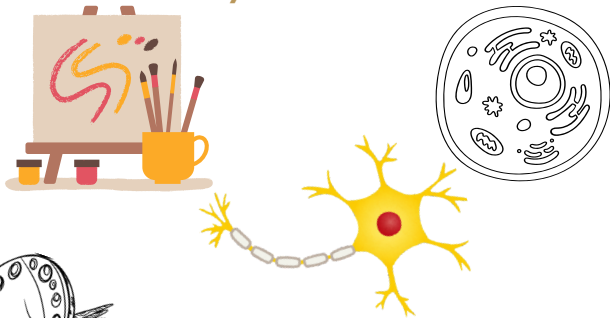
Film Analysis is a course that challenges students to apply observational analysis to films, using critical thinking and reading comprehension techniques to identify and analyze the subtext of movies. Students will screen films and analyze the use of cinematographic, directorial, and acting tools and discover how these tools contribute to conveying overarching themes and messages.

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LifeLab: Cells, Synapses, & Systems

6th-8th graders

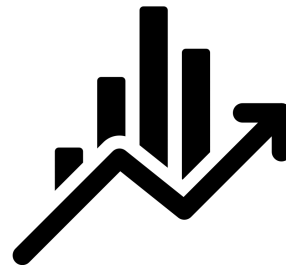
Students will have hands on Demonstrations of how cells work together to make up the different systems of the human body. We will explore 4 of the systems in the human body, how the individual cell works, and how it works as a team to make up each system. Students will make their own cell models, one system model, and explain how it works with other body systems.



Painting into Art

7th-12th

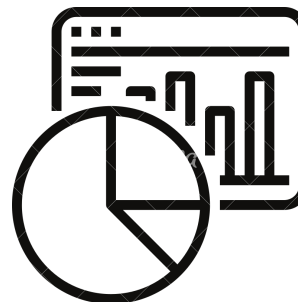
"Painting into Art" invites students to explore the diverse techniques, styles, and expressive possibilities of painting as a visual art form. From the basics of color theory to the mastery of various painting mediums, students will embark on a journey that combines technical skill with personal expression, 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.



Math Mind

7th-9th

Are you ready to use your Math Mind?
The students will use visual representations and modeling strategies to solve complex problems; a consistent concrete-pictorial-abstract progression; and strong development of both conceptual understanding, place value, and computational fluency so students understand the "how" as well as the "why." Students will be learning advanced concepts often overlooked in traditional math classes such as sets, relations, functions, Logic, and advanced calculator skills.



Statistics Sanity

Grades-9th-11th

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.



Food Photography

6th-8th

How do photographers take such life-like photos of food? In this class, students will learn about the photography tips and tricks that are used in commercial food advertisements. During this class, students will learn how to make and set up a small studio to arrange food to capture the perfect pictures. We will also see how photographers have to fake the aesthetics of a commercial, and race with time in order to capture the freshness of an item. And when time is against us, like when photographing ice cream, how do we adapt?