On-Campus Course Description

SEP 2024

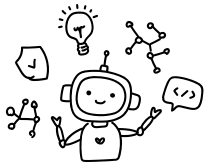
June-24th-28th
1:00 pm - 4:00 pm

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!



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.

LifeLab:
Animal, Vegetable, Mineral

4th - 6th graders

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

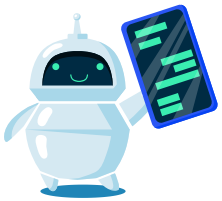
5th-7th

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 Biology

6th-8th

Course Description: In this phenomenal course, your middle schooler will learn about prokaryotes vs. eukaryotes, the levels of organization, all about the human cell, mitosis vs. meiosis, food chains & food webs, punnet squares, the scientific method and more! Students will be actively engaged with games, hands on activities, and experiments. Enroll your learner today!



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.