On-Campus Description

**Lego Robotics I**
6th-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).

**What’s the Matter**
Grade 2-3
What’s the Matter? asks students to work on solving real-world scenarios by using their newly discovered knowledge of matter, the measurement of matter, and changes in physical properties. This class will have students focusing on the properties of solids, liquids, and gases and the process by which they change states. The overarching concept of change is incorporated to deepen the understanding of the scientific concept.

**Fashion Photography**
6th-8th
Description Coming Soon!

**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.

**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.

**COMING SOON**
Check back to see what other classes we add for the Summer!