### 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.

### 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).

### Exploring America through the Decades


**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.

### 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.