

# On-Campus Course Description

December 7th

9:30 am - 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. 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.

## Historical Perspective Through Art and Music

6th -8th Grade

In this class, students will be introduced to how art and music (the arts) have been used throughout history to influence public opinion. To effectively and accurately analyze and interpret the works of art students must understand that the artists have, at times, misrepresented the facts and/or have intentionally excluded certain opinions and perspectives in an attempt to influence the thinking of their audience. After analyzing several examples, students will create and present to the class a work of art representing a historical perspective that has been excluded from the historical record.

## LifeLab: Plants, Animals & Humans, Oh My!

4th -6th

Are humans animals? How do animals and humans use plants? Let explore the relationships of the animal and plant kingdoms. We will have animal and plant specimens, so don't wear your best clothes.

## 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.

## Parent Session

Time: 9:45-10:45

Topic: How to Advocate for Your Gifted & Talented Child

Speaker: Dr. Ashley Carpenter



## 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.