## The Human Body: A Marvelous Machine

6th-8th

Join us for an amazing journey exploring the intricacies of the human body! Do you wonder how many bones are in the human body? What is the largest organ? What are neurotransmitters and how do they work? Where does a molecule of air go after it enters the body? What happens to those chicken nuggets you ate for lunch? How many chambers are in the human heart? Find out the answers to these questions and MORE with hands on activities and anatomy models! Understand common disease processes and how they are treated! Enroll your future health care professional today!

## Coding with a Twist

1st - 5th

This session aims to introduce students to the field of Robotics and stimulate their interests in science and engineering through participation of the entire engineering design process. This course covers various multidisciplinary topics necessary to understand the fundamentals of designing, building, and programming robots. Students will have hands-on practice and demonstrate how to put together and code robots. During this session, students will be required to gradually complete the design and construction of a robot and follow the constraints and objectives for competing in the final project demonstration.

## 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?

## Think Like a Geographer

2nd

Think Like a Geographer is designed to make students aware of the many applications of geography in everyday life, as well as engage them in the thinking process that geographers use to analyze information. Students will develop and practice geography skills, such as reading and creating maps, graphs, and charts; examining primary and secondary sources; and thinking spatially on a variety of scales. Using the process of geographic inquiry requires students to ask questions, gather and analyze data, and then act on this new geographical knowledge.

## 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.

## Parent Session

Time: 9:45-10:45
Topic: Parenting Twice-Exceptional Learners
Speaker: Dr. Ashley Carpenter