

# 2025 **WORLD OF WONDER**



**For students entering 6th or 7th grade  
Students may take one, two or three classes.**

**8:00 a.m. – 10:00 a.m. Class 1601 (Jon Bradburn)**

### **Exploring Aerodynamics: The Science of Flight**

Come explore the captivating world of aerodynamics. We'll discuss mysteries of flight, from the principles governing aircraft design to the dynamics of objects soaring through the air. We'll learn key aerodynamic concepts, including lift, drag, thrust, gravity and how air behaves around objects in motion. We'll also have the opportunity to experiment with aerodynamic principles as we design, construct, and fly our model airplanes!

**10:15 a.m. – 12:15 p.m. Class 1602 (Kara Girsch)**

### **Exploring the Essay**

This class is an excellent opportunity to sharpen your writing skills for essays. We'll explore techniques for narration, description, and reflection, and learn how to creatively use figurative language, descriptions, details, and variety in your sentence structure. Throughout the week, you'll grow confident in your ability to organize your essay, use innovative transitions between ideas, and write impressive beginnings and endings. We will also focus on the importance of writing for a specific audience and purpose, and work as a group to improve our form, content, and style. You'll be ready for high school essays in no time!

**1:30 p.m. – 3:30 p.m. Class 1603 (Kelsey Clarkson)**

### **Inside Out! An Epic Journey Through the Human Body**

Using imagination and hands-on learning, we'll travel a certain magic bus to dive deep inside the human body to explore basic human anatomy. We'll learn how our amazing systems work together to keep us alive, active, and healthy. Each day, we'll focus on two different body systems—like the circulatory, respiratory, digestive, or nervous systems—learning their functions and how they work in harmony. Through interactive activities, we'll build or examine detailed models of these systems, conduct experiments to see science in action, and explore ways to take care of each part of our bodies. Join us for this epic journey—you'll never look at your body the same way again!