

2024 WORLD OF WONDER

For students entering 8th or 9th grade
Students may take one, two or three classes.

8:00 a.m. – 10:00 a.m. Class 1701 (Evan Moore)

Unveiling Government Secrets: An Exploration into Civics

Dive into the foundations of our government system! Understand the three branches, their roles, and how they work together. Explore the freedoms granted by the Constitution and analyze landmark court cases that shaped our nation. Engage in lively discussions and activities to enhance your understanding of civics. Get ready to unravel the secrets of our government!

10:15 a.m. – 12:15 p.m. Class 1702 (John 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!

1:30 p.m. – 3:30 p.m. Class 1703 (Kelsey Clarkson)

Fun with Fibonacci

The Fibonacci sequence is a fascinating set of numbers that unexpectedly occurs in many mathematical and scientific observations. The Fibonacci sequence has been used to predict market trading patterns, compose music, and explain the mating patterns of honeybees. Join us as we explore the Fibonacci sequence of numbers through art, poetry, nature, mathematics, and more!