

# 2024 WORLD OF WONDER

For students entering 4th or 5th grade  
Students may take one, two or three classes.

**8:00 a.m. – 10:00 a.m. Class 1401 (Kara Girsch)**

## **The History and Culture of Fiber Arts**

This class invites students to unravel the stories woven into textiles, discover ancient traditions, and express their own artistic flair through hands-on experiences. We'll trace the origins of fiber arts across different civilizations and time periods. We'll experiment with a variety of basic fiber art techniques, including knitting, crochet, and embroidery and delve into the unique traditions associated with each technique, connecting art to cultural practices.

**10:15 a.m. – 12:15 p.m. Class 1402 (Becky Gall)**

## **Coding with Legos**

Learn to code with Legos using Spike Essential Lego Education. We'll start with coding block tutorials for basic coding concepts and then develop our engineering design skills as we investigate problems, brainstorm solutions, build, test, and refine our prototypes. By the end of the week, we'll create a solution to a problem that has constraints, and improve on others' ideas. We'll investigate, design, build, and code using hands-on learning that's fun!

**1:30 p.m. – 3:30 p.m. Class 1403 (John Bradburn)**

## **Solving Crime With Forensics**

Welcome to the thrilling world of forensic science! In this class, students will learn how to work to uncover the mysteries behind crimes using scientific methods and crime investigation techniques. From analyzing fingerprints to decoding DNA, students will learn how forensic scientists use evidence to solve crimes by analyzing fingerprints and other forensic systems.