For students entering 1st grade
Students may take one, two, or three classes.

8:00 a.m. - 10:00 a.m. **Class 1101** **Cara Payne**

Adventures with Food Group Friends

Step into a playful world of stories, creativity, and social-emotional learning inspired by The Food Group book series. In this class, students will explore big ideas like confidence, teamwork, and resilience through engaging read-alouds, creative writing, and interactive games. We'll write poems inspired by The Smart Cookie, participate in friendly challenges like The Big Cheese, and reflect on emotions and decision-making through characters such as The Good Egg and The Bad Seed. This class blends literacy, creativity, and character education into a joyful and meaningful learning experience.

10:15 a.m. - 12:15 p.m. **Class 1102** **Kelly Moyer**

Jingle Bell Jam: Holidays in July!

Celebrate the magic of the holidays, summer style! This festive class brings music, creativity, and movement together as students experience the joy of Christmas in July. We'll learn and sing favorite holiday songs, play instruments, and spread cheer through summer caroling. Students will design and decorate their own gingerbread houses, participate in holiday-themed games, and cool off with a fun indoor "snowball" fight. This class encourages creativity, collaboration, and plenty of holiday spirit, no winter weather required!

1:30 p.m. - 3:30 p.m. **Class 1103** **Lyndsey Forney**

Dive into Ocean Discovery

Embark on an exciting underwater adventure as we explore the wonders of the ocean! Students will investigate ocean habitats, learn about fascinating sea creatures, and discover how many animals call the ocean home. Through hands-on science experiments, we'll explore how salt affects floating and sinking, examine seashells up close, and uncover fun facts about the size and depth of the ocean. This class encourages curiosity, scientific thinking, and exploration through engaging, ocean-themed activities.

For students entering 2nd or 3rd grade
Students may take one, two, or three classes.

8:00 a.m. - 10:00 a.m. **Class 1201** **Natalie Siems**

Fairytales: Engineering Happily Ever After

Step into a magical fairytale world where students become the heroes and problem-solvers of the story!! As we explore classic and modern fairytales, students will identify the challenges characters face and use STEM (Science, Technology, Engineering, and Math) concepts to design creative solutions. Through hands-on building challenges, teamwork, and imaginative thinking, students will learn to think like engineers while strengthening reading comprehension, critical thinking, and problem-solving skills. This class blends storytelling and STEM to show that every problem has more than one happily-ever-after.

10:15 a.m. - 12:15 p.m. **Class 1202** **Kaitlyn Knox**

Dig into Dinosaurs

Travel back in time to the age of dinosaurs in this hands-on exploration of prehistoric life! Students will learn about dinosaurs, fossils, and the work of paleontologists through interactive activities and imaginative play. We'll dig for fossils, create fossil imprints, and investigate different types of dinosaurs while learning what makes each one unique. Math and writing activities will be woven throughout as students record discoveries, compare dinosaur features, and share what they've learned. This class sparks curiosity, creativity, and scientific thinking through a dino-sized adventure!

1:30 p.m. - 3:30 p.m. **Class 1203** **Kelly Moyer**

K-Pop Beats

Get ready to sing, move, and make music in this high-energy exploration of K-Pop! Students will sing, play instruments, and dance along to popular songs from the K-Pop Demon Hunters movie while learning about the roots and evolution of K-Pop music. We'll explore traditional Korean music, discover influential K-Pop groups, and learn how rhythm, movement, and culture come together in this global music phenomenon. This class blends music, movement, and cultural learning into a fun and engaging experience for young performers.

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** **Rebecca Mueller**

Journey Through the Ancient World

Travel back in time and around the globe in this immersive exploration of ancient civilizations. Students will "visit" early societies across each continent to discover how people lived their daily lives, expressed themselves through art, and built unique cultures. History and geography come to life as students examine traditions, tools, and innovations from civilizations around the world. Each stop on the journey includes a hands-on maker experience, allowing students to create and take home a project inspired by the time period. This class blends history, culture, creativity, and exploration into an engaging learning adventure.

10:15 a.m. - 12:15 p.m. **Class 1402** **Cara Payne**

WOW's Ultimate Trivia Showdown

Put your knowledge to the test in this fast-paced, team-based trivia experience! Students will work in teams to build collaboration and communication skills before competing in a variety of trivia challenges covering a wide range of topics. From pop culture and science to history and fun facts, students will earn points by thinking critically, problem-solving, and sharing what they know. This class emphasizes teamwork, strategy, and curiosity, perfect for students who love learning, friendly competition, and showing what they know in a high-energy environment.

1:30 p.m. - 3:30 p.m. **Class 1403** **Jonathan Bradburn**

Engineering Flight

Take to the skies in this hands-on exploration of aerodynamics and flight! Students will investigate how forces like lift and drag affect the way objects move through the air. Through designing, building, and testing airplanes and other flying creations, students will experiment with shape, weight, and airflow to improve performance. This class encourages curiosity, problem-solving, and engineering thinking as students refine their designs and discover what makes things fly.

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** **Jonathan Bradburn**

Robot Builders and Code Breakers

Step into the world of robotics and computer programming! In this interactive course, students will design, build, and program LEGO Mindstorms robots to complete a series of challenges. Using a graphic-based coding language, students will write programs that control their robots' movements, sensors, and actions. Through collaboration, testing, and problem-solving, students will learn the fundamentals of engineering, robotics, and computational thinking while bringing their creations to life.

10:15 a.m. - 12:15 p.m. **Class 1602** **Rebecca Mueller**

A Week on Capitol Hill

Step into the role of a lawmaker in this week-long simulation of the U.S. government in action. Students will experience what it's like to craft a bill, debate its merits, secure resources and funding, and guide it through the legislative process to become a law. Along the way, students will explore what happens when laws are challenged and how the Supreme Court plays a role in interpreting the Constitution. Through collaboration, discussion, and problem-solving, students will gain a deeper understanding of how government works and what it means to actively participate in it. This class brings civics to life through hands-on learning and real-world application.

1:30 p.m. - 3:30 p.m. **Class 1603** **Cale Roberts**

Sound Science: How Music Works

Discover the science and stories behind the music we hear every day! In this interdisciplinary course, students will explore how music works through the lenses of physics, psychology, sociology, and history. Through listening activities, hands-on exploration of instruments and sound-producing devices, and collaborative discussions, students will investigate how sound is created, how music affects the brain, and how music connects people and cultures. Students will also have opportunities to design, create, and perform using instruments of their own making. This class blends science, creativity, and performance to deepen students' understanding of music from the inside out.

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

8:00 a.m. - 10:00 a.m. **Class 1601** **Angela Weck**

"I'm just a bill..." Understanding how the US political system works

Bring civics to life through discussion, debate, and role-playing in this interactive exploration of the U.S. political system. Students will begin by selecting an issue that matters to them, then step into the roles of government officials as they work through the structures and functions of the national government. As they navigate debate, disagreement, compromise, and decision-making, students will gain a deeper understanding of how laws are created and how political processes impact real people. This class encourages civic literacy, critical thinking, and active participation in democracy.

10:15 a.m. - 12:15 p.m. **Class 1602** **Jonathan Bradburn**

Launch Lab: Engineering Energy in Motion

Explore the physics behind motion and energy in this dynamic engineering course. Students will investigate potential and kinetic energy as they design, build, and test catapults and other mechanical contraptions that launch projectiles. Through hands-on experimentation, students will analyze how energy is stored, transferred, and transformed to improve accuracy and distance. This class blends physics, engineering design, and creative problem-solving to challenge students to think critically and refine their designs.

1:30 p.m. - 3:30 p.m. **Class 1603** **Kelsey Clarkson**

Decoding Numbers Through the Ages

Take a journey through time and across cultures to uncover how humans have counted, measured, and made sense of the world. Students will explore ancient number systems developed by civilizations such as the Babylonians, Egyptians, Greeks, Romans, and others, examining how cultural needs and daily life shaped each system. Through hands-on activities, students will use and decode different numeric systems, represent quantities in multiple ways, and compare them to the modern number system we use today. This class blends math, history, and culture to reveal how numbers tell the story of human innovation.