Summary:
Students in 6th grade Science will experience Science concepts through a variety of hands-on learning, digital tools, and outdoor experiences. Students start the year investigating our ecosystem and how organisms interact in order to ensure the ecosystem is balanced and healthy. Throughout this unit, students review topics in class then have various opportunities to observe various species and their interactions around our school yard. Next, students are introduced to matter and how it may interact both physically and chemically to change matter to different forms. Later, students investigate force, energy, and motion while focusing on Newton’s Laws of Motion. Finally, students wrap up the year investigating both Space and Earth, including structures that make up space, how space is organized, and how Earth fits into our universe. Students then move on to investigate our Earth; how Earth is structured and what processes have helped to shape the earth over time and into the future.

Key Topics:
Unit 1: Ecosystem Interactions
Unit 2: Matter and Its Interactions
Unit 3: Forces and Motion
Unit 4: Space Systems
Unit 5: Earth Systems

Expectations:
Each unit will focus on a problem-based scenario that students will investigate throughout the unit. At the end of the unit, students will complete a Culminating Event project to provide their solution to the unit problem. Assessments and learning checks will take place throughout each week of the unit. Homework may also be assigned to help build upon our learning; students should plan to spend time each week reviewing information and concepts presented throughout the week.

Photos: if applicable