Earth and Space Science Standards:

Students develop an understanding that earth materials are essential for organism's survival.

Core Ideas:

- E1: The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate.

Standards:

1.E1U1.5 - *Obtain, evaluate, and communicate information about the properties of Earth materials and investigate how humans use natural resources in everyday life.*

Physical Science Standards:

Students develop an understanding of the effects of forces and waves, and how they can impact or be impacted by objects near and far away.

Core Ideas:

- P1: All matter in the Universe is made of very small particles.
- P2: Objects can affect other objects at a distance.
- P3: Changing the movement of an object requires a net force to be acting on it.

Standards:

1.P2U1.1 - *Plan and carry out investigations demonstrating the effect of placing objects made with different materials in the path of a beam of light and predict how objects with similar properties will affect the beam of light.*

1.P2U1.3 - *Plan and carry out investigations which demonstrate how equal forces can balance objects and how unequal forces can push, pull, or twist objects, making them change their speed, direction, or shape*

Social Studies Standards:

The content areas of civics, economics, geography, history, and disciplinary skills and processes.

Standards:

1.SP1.2 - *Understand how events of the past affect students' lives and communities.*

1.SP3.1 - *Generate questions about issues in your community past and present.*

1.G1.1 - *Use, explore and construct maps, graphs and other geographical representations to support content focus.*

1.G2.1 - *Compare how human activities affect culture and the environment now and in the past.*