

Marysville Public Schools

3rd Grade Science

Power Standards

Earth and Me

- The Earth's surface is made up of many different materials, such as minerals, rocks, sand, clay, silt, gravel, and soil.
- Humans are dependent on earth materials as natural resources to manufacture objects and provide fuels.
- Manufactured materials can be reused, reduced, and recycled to conserve natural resources.
- The surface of the Earth is constantly changing through erosion, glaciers, volcanoes, landslides, and earthquakes.
- Humans also change the surface of the Earth through farming and development.

Light and Sound

- Light is necessary for sight.
- Light travels in a straight path, and shadows are created when light is blocked.
- The path of light changes as it passes through different material.
- Sound can be described in terms of pitch and volume; sound is produced by vibrations.
- Light and sound are forms of energy.
- Questions and investigations provide evidence for understanding science concepts.
- Evidence helps us make scientific decisions.

Changes in Motion

- Motion is the change in position of an object.
- The force of gravity pulls objects toward Earth.
- Forces can start, stop, or change the motion of an object.

Organisms Have Character

- Plant parts have special functions to help the plant carry out its life activities.
- All of our food comes directly or indirectly from plants.
- Questions and investigations help us learn new things.
- Evidence helps us make scientific decisions.
- Animals are diverse and have special characteristics that help them to survive in their specific environment.