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.

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