

Marysville Public Schools

4th Grade Science

Power Standards

Energy Transfer

- Objects and substances are classified by their physical properties.
- Energy is a concept that can be described in many forms, including heat and electricity.
- Evidence of energy is change.
- Electrical charge moves in a complete circuit path.
- Magnetism is a physical property of matter.
- Heat can transfer from one substance to another.

States of Matter

- Matter is anything that takes up space and has mass.
- Matter can exist in three states: solid, liquid, and gas.
- Objects and materials are described and classified in terms of their properties.

The View From the Earth

- The motion of the sun, moon, and Earth follow regular patterns.
- The distance of the sun and moon from the Earth affects the perception of size of the objects.
- Rocks and fossils give scientists information about the history of the Earth.
- Weather changes from day to day and over the seasons.

Organisms in Their Environment

- Plants and animals have basic needs to survive.
- Individual differences in the characteristics of organisms of the same species can be an advantage or disadvantage for survival.
- Organisms interact with one another within their habitat and are all a part of a food web.
- Changes in the environment affect food webs within different habitats.