

SAU 15
Auburn, Candia, Hooksett
Grade 2
POWER STANDARDS
Science

EARTH

Rocks and Soils

❖ **Students can describe rocks and soils.**

- **S:ESS1:2:6.1** Explain that large rocks can be broken down into smaller rocks.
- **S:ESS1:2:6.2** Describe rocks and soils in terms of their physical properties.

Sun, Moon, and Stars

❖ **Students will know that we need the Sun to live. They will also know that the Sun, Moon, and stars seem to move across the sky.**

- **S:ESS2:2:2.1** Recognize that the light and heat the Sun provides to the Earth is necessary for life.
- **S:ESS2:2:4.1** Recognize the Sun, Moon, and stars all appear to move slowly across the sky.

LIFE

Life Cycles

❖ **Students will know that living things have a life cycle. They will also know what plants and animals need to live in their habitats.**

- **S:LS1:2:3.2** Recognize that living things have a life cycle, during which they are born, grow, and die.
- **S:LS2:2:2.1** Identify the resources plants and animals need for growth and energy, and describe how their habitat provides these basic needs.

PHYSICAL

Changes - Solids and Liquids

❖ **Students can describe the properties of materials.**

- **S:PS1:2:1.1** Recognize that objects are made up of many different types of materials, such as wood, metal, and paper.
- **S:PS2:2:1.1** Describe how the properties of certain materials can change when specific actions are applied to them, such as freezing, mixing, heating, cutting, dissolving, bending.

Simple Machines

❖ **Students will identify the different simple machines and how they work.**

- **S:PS4:2:2.1** Identify tools and simple machines, such as a wheel, and explain how they work.

Man-made vs. Natural Objects

❖ **Students will identify the parts of the world that are made by nature and parts that were changed by people. They will also know how to take good care of the environment.**

- **S:ESS4:2:3.2** Identify environments that are natural (e.g., forest, meadow, mountains) and those that have been built or modified by people (e.g., cities, roads, farms, houses).
- **S:ESS4:2:3.3** Describe actions that can help the environment, such as recycling and proper disposal of waste materials.