

Grade Two Power Standards for Science

Power Standards are based on the Nevada State Standards. Power Standards are not meant to be taught sequentially. For pacing and instruction refer to the CEF and the K-5 Science and Technology Handbook. At a minimum, students will maintain previously learned skills and attain the following:

Strand	NV	CCSD Power Standards
Nature of Science <i>Scientific Inquiry</i> <i>Science, Technology, and Society</i>	N.2.A.1 N.2.A.3 N.2.B.1	Record observations and give descriptions using words, numbers, and drawings. [1.1] Understand observable patterns can be used to predict future events or sort items. [1.4] Recognize that science engages men and women of all ages and backgrounds. [1.8]
Physical Science <i>Matter</i> <i>Forces and Motion</i> <i>Energy</i>	P.2.A.1 P.2.A.2 P.2.A.3	Recognize that matter can exist as solids and liquids. [2.1, 2.2] Explain that properties of materials can be changed by heating, freezing, mixing, cutting, and bending. [2.3, 2.5] Categorize matter by observable properties (color, size, shape, and weight). [2.1, 2.2, 2.4]
Earth and Space Science <i>Atmospheric Processes and the Water Cycle</i> <i>Solar System and Universe</i> <i>Earth's Composition and Structure</i>	E.2.A.1 E.2.A.2 E.2.A.3 E.2.B.1 E.2.B.2	State that the sun is a source of heat and light. [3.1] Explain that water on Earth can be a liquid (rain) or a solid (snow and ice) and can go back and forth from one form to another. [3.2] Describe weather changes from day to day and seasonally. [3.3] Recognize objects in the sky and display patterns in how they look, where they are located, and how they move. [3.4] Explain that the Sun rises every day, and the Moon can rise during the day and/or night. [3.4]
Life Science <i>Heredity</i> <i>Structure of Life</i> <i>Organisms and Their Environment</i> <i>Diversity of Life</i>	L.2.A.1 L.2.A.2 L.2.C.1 L.2.C.2 L.2.C.3 L.2.D.1 L.2.D.2	Explain that animals and plants have offspring that are similar to their parents. [4.2] Describe how differences exist among individuals of the same kind or plant or animal. [4.2, 4.3] Explain that plants and animals need certain resources for energy and growth [4.5] Explain that habitats include food, water, shelter, and space. [4.6] Explain that living things are found almost everywhere in the world. [4.1] Sort plants and animals by observable characteristics and/or behaviors. [4.8] Explain that some plants and animals are extinct. [4.7]