

Grade Three 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.5.A.1 N.5.A.3 N.5.A.4 N.5.A.5 N.5.A.7	Explain that scientific progress is made by conducting careful investigations, recording data, and communicating the results in an accurate method. [1.4, 1.5, 1.6] Draw conclusions from scientific evidence. [1.5] Make predictions using graphic representations of recorded data. [1.5, 1.6] Plan and conduct a safe and simple investigation. [1.1] Organize items and ideas based on observable patterns. [1.7]
Physical Science <i>Matter</i> <i>Forces and Motion</i> <i>Energy</i>	P.5.A.3 P.5.C.2	Classify objects by their observable physical and chemical properties (magnetism, conductivity, density, and solubility). [2.3] Explain the wave characteristics of sound. [2.1, 2.2]
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.5.C.4 E.5.C.5	Explain that rocks are composed of different combinations of minerals. [3.1, 3.2] Explain that soil varies from place to place and has both biological and mineral components. [3.3]
Life Science <i>Heredity</i> <i>Structure of Life</i> <i>Organisms and Their Environment</i> <i>Diversity of Life</i>	L.5.A.3 L.5.B.1 L.5.B.2 L.5.C.2 L.5.C.3 L.5.C.5 L.5.D.1	Explain that offspring resemble their parents and each other, and also exhibit differences in characteristics. [4.1] Describe the structures that enable plants and animals to grow and survive. [4.4, 4.7] Identify that living things have predictable life cycles. [4.2] Identify examples of organisms that interact with each other and with the non-living parts of their ecosystem. [4.3, 4.4, 4.5] Identify changes to an environment that can be beneficial or detrimental to different organisms. [4.6] Describe plant and animal adaptations that allow them to survive in specific ecosystems. [4.7] Classify plants and animals according to their observable characteristics. [4.7]