ADW Grade 2 Science Standards
2017

PHYSICAL SCIENCE (PS)	Standards
SC.2.PS.1	Describe and classify different kinds of materials by their physical properties.
SC.2.PS.2E	Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. Compare these uses with other students' ideas.
SC.2.PS.3	Construct an argument with evidence that some changes caused by heating and cooling can be reversed and some cannot.
LIFE SCIENCE (LS)	**Standards**
SC.2.LS.1	Plan and conduct a structured investigation to determine what plants need to live, grow, and reproduce.
SC.2.LS.2	Obtain, evaluate, and communicate information on what humans need for a healthy lifestyle.
SC.2.LS.3	Develop representations to describe the diverse life cycles of living organisms.
SC.2.LS.4E	Develop a model that mimics the function of an animal in dispersing seeds or pollinating plants.
EARTH AND SPACE SCIENCE (ESS)	**Standards**
SC.2.ESS.1	Obtain and communicate information to compare the properties and uses of Earth's materials.
SC.2.ESS.2	Observe a variety of soil samples and describe in words and pictures the soil properties in terms of color, particle size and shape, texture, and recognizable living and nonliving items.
SC.2.ESS.3	Obtain information from maps and images to identify where water, whether solid or liquid, is found on Earth.
SC.2.ESS.4	Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
Grades K-2 Engineering Standards (E)	**Standards**
SC.K-2.E.1	Pose questions, make observations, and obtain information about a situation people want to change. Use this data to define a simple problem that can be solved through the construction of a new or improved object or tool.
SC.K-2.E.2	Develop a simple sketch, drawing, or physical model to illustrate and investigate how the shape of an object helps it function as needed to solve an identified problem.
SC.K-2.E.3	Analyze data from the investigation of two objects constructed to solve the same problem to compare the strengths and weaknesses of how each performs.