

**ADW Kindergarten Science Standards  
2017**

<b>PHYSICAL SCIENCE (PS)</b>	<b>Standards</b>
<b>SC.K.PS.1</b>	Observe and describe qualitative properties of natural and manufactured objects. Classify objects based on similar properties.
<b>SC.K.PS.2</b>	Plan and conduct an investigation to compare the different strengths or different directions of pushes and pulls on the motion of an object.
<b>SC.K.PS.3E</b>	Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull
<b>LIFE SCIENCE (LS)</b>	<b>Standards</b>
<b>SC.K.LS.1</b>	Use observations to describe the different organisms found in the environment and what they need to survive
<b>SC.K.LS.2</b>	Make observations and gather evidence to support that some young plants and animals are similar to, but not exactly like, their parents.
<b>SC.K.LS.3</b>	Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.
<b>SC.K.LS.4E</b>	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
<b>EARTH AND SPACE SCIENCE (ESS)</b>	<b>Standards</b>
<b>SC.K.ESS.1</b>	Identify and describe the sun, moon and stars.
<b>SC.K.ESS.2</b>	Use and share observations of local weather conditions to describe daily and seasonal patterns
<b>Grades K-2 Engineering Standards (E )</b>	<b>Standards</b>
<b>SC.K-2.E.1</b>	Pose questions, make observations, and obtain information using known scientific tools, 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.
<b>SC.K-2.E.2</b>	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.
<b>SC.K-2.E.3</b>	Analyze data from the investigation of two objects constructed to solve the same problem to compare the strengths and weaknesses of how each performs.