

Sheridan County School District #3
2019-2020
Kindergarten Science Priority Standards
Updated (09/17/19)

Physical Science		K.PHY
<i>Motion And Stability: Forces and interactions</i>		
K.PS2-1	Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.	
K.PS2-2	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.	
<i>Energy</i>		
K.PS3-1	Make observations to determine the effect of sunlight on Earth's surface.	
K.PS3-2	Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.	
Life Science		K.LS
<i>From Molecules to Organisms: Structure and Processes</i>		
K.LS1-1	Use observations to describe patterns of what plants and animals (including humans) need to survive.	
Earth & Space		K.ESS
<i>Earth's Systems</i>		
K.ESS2-1	Use and share observations of local weather conditions to describe patterns over time.	
K.E.SS2-2	Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.	
<i>Earth and Human Activity</i>		
K.ESS3-1	Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.	
K.E.SS3-2	Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.	
K.ESS3-3	Communicate solutions that will manage the impact of humans on the land, water, air, and/or other living things in the local environment.	
Engineering, Technology and Applications of Science		K.ETS
K-2ETS1-1	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	
K-2ETS1-2	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.	
K-2ETS1-3	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.	