Sheridan County School District #3
2019-2020
3rd Science Priority Standards

updated (09/17/19)

Physical Science	3.PHY
Motion and Stability; Forces and Interactions	
3.PS2-1	Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.
3.PS2.-2	Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.
3.PS2-3	Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.
3.PS2-4	Define a simple design problem that can be solved by applying scientific ideas about magnets. .
Life Science	**3.LS**
From Molecules to Organisms: Structure and Processes	
3.LS1-1	Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.
Ecology; Interactions, Energy, and Dynamics	
3.LS2-1	Construct an argument that some animals form groups that help members survive.
Heredity: Inheritance and Variation of Traits	
3.LS3-1	Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.
3.LS3-2	Use evidence to support the explanation that observable traits can be influenced by the environment.
Biological Evolution: Unity and Diversity	
3.LS4.-1	Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.
3.LS4-2	Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.
3.LS4-3	Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.
3.LS4-4	Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.
Earth & Space	**3.ESS**
Earth's Systems	
3.ESS2-1	Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.
3.ESS2-2	Obtain and combine information to describe climates in different regions of the world.
Earth and Human Activity	
3.ESS3-1	Make a claim about the merit of a design solution that reduces the impacts of a weather

	-related hazard.
Engineering, Technology and Applications of Science	**3-5.ETS**
3-5.ETS1-1	Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time or cost.
3-5.ETS1-2	Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
3-5.ETS1-3	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.