Wyoming Science

Grade 3

Adopted 2018

Motion and Stability: Forces and Interactions	**SES-3-PS2-1.**	**Demonstrate how the direction, or speed, of an object will change due to an outside force.** SES-3-PS2-1
	SES-3-PS2-2.	**Make observations about the pattern(s) of an objects motion to predict future motion.** SES-3-PS2-2
	SES-3-PS2-3.	**Demonstrate the effects of a magnetic, or electric, interaction between two objects not in contact with each other.** SES-3-PS2-3
	SES-3-PS2-4.	**Given a simple design problem, explore ways to solve the problem using magnets.** SES-3-PS2-4
From Molecules to Organisms: Structures & Processes	**SES-3-LS1-1.**	**Use a model to demonstrate the life cycle of an organism.** SES-3-LS1-1
Ecosystems: Interactions, Energy, and Dynamics	**SES-3-LS2-1.**	**Use a model to demonstrate that some animals form groups.** SES-3-LS2-1
Heredity: Inheritance and Variation of Traits	**SES-3-LS3-1.**	**Use evidence to show how offspring inherit physical traits that resemble those of their parents.** SES-3-LS3-1
	SES-3-LS3-2.	**Make observations about how an organism's observable traits can be influenced by the environment.** SES-3-LS3-2
Biological Evolution: Unity & Diversity	**SES-3-LS4-1.**	**Identify fossils as the remains of plants and animals that lived long ago.** SES-3-LS4-1
	SES-3-LS4-2.	**Use models to identify characteristics that help organisms survive.** SES-3-LS4-2
	SES-3-LS4-3.	**Determine whether or not an organism is able to survive in a given environment.** SES-3-LS4-3
	SES-3-LS4-4.	**Identify what happens to organisms when there is a major environmental change.** SES-3-LS4-4

Earth's Systems	**SES-3-ESS2-1.**	**Use a model to communicate typical weather conditions expected during a particular season.** SES-3-ESS2-1
	SES-3-ESS2-2.	**Describe the local climate.** SES-3-ESS2-2
Earth and Human Activity	**SES-3-ESS3-1.**	**Communicate a solution that reduces the impacts of weather.** SES-3-ESS3-1
Engineering, Technology, & Applications of Science	**SES-3-5-ETS1-1.**	**Given a solution to a simple design problem, students are able to identify materials needed to solve a simple design problem, provided a variety of materials.** SES-3-5-ETS1-1
	SES-3-5-ETS1-2.	**Generate more than one possible solution to a problem.** SES-3-5-ETS1-2
	SES-3-5-ETS1-3.	**Determine whether or not an engineering design product meets criteria, and communicate failure point(s).** SES-3-5-ETS1-3