Wyoming Science

Grade 4

Adopted 2018

Energy	**SES-4-PS3-1.**	**Demonstrate how the speed of an object is related to the energy of the object.** SES-4-PS3-1
	SES-4-PS3-2.	**Make observations to describe that heat energy can be transferred from place to place.** SES-4-PS3-2
	SES-4-PS3-3.	**Demonstrate how a change in energy occurs when objects collide.** SES-4-PS3-3
	SES-4-PS3-4.	**Identify devices that use different types of energy.** SES-4-PS3-4
Waves and Their Applications in Technologies for Information Transfer	**SES-4-PS4-1.**	**Use a model to show what a wave looks like.** SES-4-PS4-1
	SES-4-PS4-2.	**Use a model to demonstrate that light reflects from some objects.** SES-4-PS4-2
	SES-4-PS4-3.	**Use a method to send or receive information.** SES-4-PS4-3
From Molecules to Organisms: Structures & Processes	**SES-4-LS1-1.**	**Use a model to demonstrate that plants and animals have structures that support their survival.** SES-4-LS1-1
	SES-4-LS1-2.	**Use a model to describe that animals respond to different types of stimuli.** SES-4-LS1-2
Earth's Place in the Universe	**SES-4-ESS1-1.**	**Describe that landscapes can change.** SES-4-ESS1-1
Earth's Systems	**SES-4-ESS2-1.**	**Use a model to describe an erosion event.** SES-4-ESS2-1
	SES-4-ESS2-2.	**Recognize different kinds of information, from maps, that describe Earth's features.** SES-4-ESS2-2
Earth and Human Activity	**SES-4-ESS3-1.**	**Describe different types of energy resources.** SES-4-ESS3-1
	SES-4-ESS3-2.	**Recognize the impacts of natural Earth processes on humans.** SES-4-ESS3-2

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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