Oklahoma Science

Grade K

Adopted 2020

Motion and Stability of Forces	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.PS2.1
	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 pull.** K.PS2.2
Energy	1. **Make observations to determine the effect of sunlight on Earth's surface.** K.PS3.1
	2. **Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.** K.PS3.2
From Molecules to Organisms: Structure and Function	1. **Use observations to describe patterns of what plants and animals (including humans) need to survive.** K.LS1.1
Earth Systems	1. **Use and share observations of local weather conditions to describe patterns over time.** K.ESS2.1
	2. **Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.** K.ESS2.2
Earth and Human Activity	1. **Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.** K.ESS3.1
	2. **Ask questions to understand the purpose of weather forecasting to prepare for and respond to severe weather.** K.ESS3.2