

Grade 5

Adopted 2018

Matter and Its Interactions

SES-5-PS1-1. Use a model to describe that matter is made of smaller particles. [SES-5-PS1-1](#)

SES-5-PS1-2. Demonstrate that a solid that melts has the same mass in its liquid form. [SES-5-PS1-2](#)

SES-5-PS1-3. Make observations to identify materials based on their properties. [SES-5-PS1-3](#)

SES-5-PS1-4. Determine whether mixing two substances results in a new substance. [SES-5-PS1-4](#)

Motion and Stability: Forces and Interactions

SES-5-PS2-1. Demonstrate that gravity pulls an object to the Earth. [SES-5-PS2-1](#)

Energy

SES-5-PS3-1. Use models to describe that plants capture energy from sunlight. [SES-5-PS3-1](#)

From Molecules to Organisms: Structures & Processes

SES-5-LS1-1. Participate in an experiment to determine what happens when plants do not have water or air. [SES-5-LS1-1](#)

Ecosystems: Interactions, Energy, and Dynamics

SES-5-LS2-1. Use a model to describe a food chain with multiple organisms. [SES-5-LS2-1](#)

Earth's Place in the Universe

SES-5-ESS1-1. Identify the relationship between apparent brightness and relative distance. [SES-5-ESS1-1](#)

Earth's Systems

SES-5-ESS2-1. Given a model, show how one of Earth's spheres (geosphere, biosphere, hydrosphere, and/or atmosphere) interacts with another sphere. [SES-5-ESS2-1](#)

SES-5-ESS2-2. Identify the types of bodies of water by amounts and distribution of water on Earth. [SES-5-ESS2-2](#)

**Earth and Human
Activity**

SES-5-ESS3-1. Describe a way to reuse or recycle a resource. [SES-5-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](#)