5th Grade Science

Curriculum Guide

1st 6 Weeks:

Water Cycle, Cloud Types, Weather, Earths Spheres

- 5-ESS2-2 Earth's Systems
- 5-ESS2-1 Earth's Systems
- 5-ESS3-1 Earth and Human Activity

Ch.5 Lesson 1 What is the Water Cycle

Ch.5 Lesson 2 What are the Spheres of the Earth?

Ch.5 Lesson 3 What is Weather

Ch. 5 Lesson 4 How do Clouds and Precipitation Form?

2nd 6 Weeks:

Night and Day, Earth's Place in the Universe, Shadows

- 5-ESS1-1 Earth's Place in the Universe
- 5-ESS1-2 Earth's Place in the Universe
- 5-PS2-1 Motion and Stability: Forces and Interactions

Ch. 6 Lesson 1 How does the Earth Move?

Ch. 6 Lesson 2 What is a Star?

Ch. 2 Lesson 4 How are Shadows formed?

3rd 6 Weeks:

All Energy starts at the Sun, Soil Horizons*

- 5-LS1-1 From Molecules to Organisms: Structure Process

Ch. 4 Lesson 1 How do plants get and use energy?

*(*This unit is not covered in book, other resources need to be found to supplement.*)

4th 6 Weeks:

Ecosystems, Food Chains, Food Webs, Predators and Prey, Flow of Energy, Human Impact on Ecosystem

- 5-LS2-1 Ecosystems: Interactions, Energy, and Dynamics
- 5-PS3-1 Energy
- 5-LS2-2 Ecosystems: Interactions, Energy, and Dynamics
- 5-Ess3-1 Earth and Human Activity

Ch.4 Lesson 2 How do organisms interact in ecosystems?

Ch. 4 Lesson 4 How do Humans impact Ecosystems?

5th 6 Weeks:

What is Matter Made of, States of Matter Measuring Matter

- 5-PS1-1 Matter and Its Interactions (Ch.1 Properties of Matter)
- 5-PS1-4 Matter and Its Interactions (Ch.1 Properties of Matter)

Ch. 1 Lesson 1 What makes up matter?

Ch.1 Lesson 2 How can matter be described?

Ch.1 Lesson 3 What are Solids, Liquids and Gasses?

6th 6 Weeks:

Properties of Matter, Mixing Different Solutions, Reactions, Kinetic and Potential Energy

- 5-PS1-3 Matter and Its Interactions (Ch.1 Properties of Matter)
- 5-PS1-4 Matter and Its Interactions (Ch.1 Properties of Matter)

Ch.1 Lesson 4 What are mixtures and solutions?

Ch.1 Lesson 5 How does matter change?

Ch.2 Lesson 1 What are Forces?

Ch.2 Lesson 2 What are Newton's Laws?