

Unit 3 Part 1 Earth's Systems

Content Area: **Science**
Course(s): **Science 5**
Time Period: **January**
Length: **MP3 (about 4 weeks)**
Status: **Published**

Unit Summary

In this unit of study, students are able to describe ways in which the geosphere, biosphere, hydrosphere, and atmosphere interact. The crosscutting concept of *systems and system models* is called out as an organizing concept for this disciplinary core idea. Students are expected to demonstrate grade-appropriate proficiency in *developing and using models, obtaining, evaluating, and communicating information*. Students are also expected to use these practices to demonstrate understanding of the core ideas.

Standards

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| 5-ESS3-1 | Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment. |
| 5-ESS2-1 | Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact. |

Student Learning Objectives

Students will learn:

- the 4 spheres of the Earth and how they interact as a system: Geosphere, Biosphere, Hydrosphere, and Atmosphere
- how to develop and use models, and communicate information.

Enduring Understandings

Students will understand that:

- Earth is made up of 4 different spheres that work together
- it is imperative to take care of and conserve these spheres to make sure they continue to work together and maintain life for future generations.

Application

Students will be able to independently use their learning to:

- make decisions about our Earth knowing that these decisions will impact all spheres of the Earth

