

GRADE 9

LESSON 1: THE EARTH AS A SYSTEM

The Earth as a System

Introduction to Earth's System

The Earth is considered a system because it consists of multiple interconnected components working together. These components are grouped into four distinct spheres, each playing a crucial role in maintaining life and Earth's processes. These spheres are the lithosphere, hydrosphere, biosphere, and atmosphere.

Key Terms

- **System:** A group of interconnected components working together for a common purpose.
- **Lithosphere:** The Earth's solid crust and the upper part of the mantle, consisting of rocks, minerals, and soil.
- **Hydrosphere:** All the water on Earth, including oceans, rivers, lakes, glaciers, and underground water.
- **Atmosphere:** The layer of gases surrounding the Earth, primarily consisting of nitrogen and oxygen.
- **Biosphere:** All living organisms on Earth, including plants, animals, and microorganisms.



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Natural Sciences 2014 Final Exam Scope Grade 9 Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Natural Sciences 2014 Final Exam Scope Grade 9**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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