

## Course Description

### Earth Science 8

**Philosophy Statement:** Science instruction equips students to know and experience God's basic eternal truths revealed through His creation. Science deepens the students' faith, understanding, and awareness of the eternal power and divine character of God. (Romans 1:20)

**Course Objective:** Students will explore the structure and function of our earth's geology, astronomy, meteorology, and water properties, through the use of selected readings, research, group discussion, projects, and utilization of scientific inquiry.

**Textbooks:** *Interactive Science*  
Pearson  
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**Additional Materials:**

- Interactive Science Lab Resource
- Lab equipment
- Online labs and support material MyScienceOnline.com
- Science Journal
- WindWise Materials and Projects: [www.WindWiseEducation.org](http://www.WindWiseEducation.org)

**Time Allotment:** 45 minutes per day, 5 days per week

**Course Content:**

- Astronomy
- Meteorology
- Hydrologic Cycle/ Water Properties
- Geology
- Energy Resources
- Land, Air, and Water Resources

**Areas to be evaluated:**

- Tests
- Quizzes
- Homework assignments/ Projects
- Class participation
- Technological, Biblical World View, and Observational Reflections
- Laboratory Experiments

**Additional activities:**

- Crystal Shape and Design
- Classification of Rocks, Minerals, and Gemstones
- Sediment Collection and Creation