

## Course Description

### Life Science 7

**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 scientific classification, cell structure, ecological relationships, origins, and human systems 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 materials [www.MyScienceOnline.com](http://www.MyScienceOnline.com)

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

**Course Content:**

- Plant Kingdom
- Animal Kingdom
- Bacteria, Viruses, Protista, and Fungi
- Cell Structure and Function
- Genetics and Heredity
- Human Body
- Diseases
- Population and Communities
- Ecosystems and Biomes
- Creation and Evolution

**Areas to be evaluated:**

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

**Additional activities:**

- Design of Recyclable Cells
- Dissecting Frogs, Earthworms, Beef Hearts, Flowers, and Seeds
- Microscopic Investigation of Protista, Bacteria, and Fungi