

Course Description

Grade 6 Science

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 nature of God. (Romans 1:20)

Course Objective: The students will explore and experience a variety of areas within the field of science including life, physical, and earth sciences through the use of reading, research, observation, discussion, participation in individual and group projects, and utilization of the scientific research process and experiments.

Textbook: Science
Harcourt
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Materials:

- Textbook
- Experiments and projects
- Students' science notebooks

Time Allotment: 30 minutes per day, 5 days per week

Course Content:

- Animals –Invertebrates
- Experimental Science Projects
- Sources of Energy
- Motion, Force & Work
- Electricity & Magnetism
- Forecasting Weather
- Simple Living Things

Areas to be evaluated:

- Class participation
- Homework assignments
- Tests
- Individual projects
- Group projects
- Experiments
- Demonstrations
- Application of scientific process
- Observations and notes taken in science notebook

Additional Activities:

- Projects will be assigned throughout the year to complement the course of study-unit notebooks will be completed for the units of study
- Students will design and conduct an experimental project and share the project in a science fair
- Various laboratory projects will be conducted throughout the year to compliment the unit of study