

## **Course Description**

### **Grade 5 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, discussion, participation in group and individual projects, and utilization of the scientific research process and experiments.

**Textbooks:** Science  
Harcourt  
Copyright 2005

Science  
Christian Schools International  
Copyright 1994

#### **Materials:**

- Harcourt Test book
- Harcourt Activities book
- Research materials
- Experiments and projects

**Time Allotment:** 40 minutes per day, 5 days per week

#### **Course Content:**

- Cells and Heredity
- Circulatory, Respiratory, Digestive, Excretory Systems
- Plants
- Insects
- Geology
- Light
- Matter

#### **Areas to be evaluated:**

- Class participation
- Homework assignments
- Quizzes
- Tests
- Projects

#### **Additional activities:**

- Insect model and report
- Insect Zoo from Iowa State University
- Science Fair project and report
- Field trip to Iowa Children's Water Festival