

**COURSE DESCRIPTION
SEVENTH GRADE
LIFE SCIENCE**

Philosophy Statement: Biblical science is the study of God's creation. God has revealed Himself in two ways: through the Bible and through creation. In Creation, God's eternal power and divine nature are clearly perceived, and God has mandated that we investigate, explore, appreciate, and care for God's Creation. In this way we come to understand our Creator better in the process.

Objective: Students will study various fields of life science including: cell biology; biological energy; plant, animal and asexual reproduction; genetics; natural selection; biological evidences for evolution; fossils; evolution and geology, including plate tectonics; early earth life; human body systems and functions: musculoskeletal system, circulatory system, pressure, vision and light, hearing and sound. In regards to evolution, students will be presented both a secular humanist and biblical perspective on the origin of life on earth. Students will participate in lab experiments, in whole group instruction, in cooperate learning groups, in individual research and presentations. Students will also conduct a science fair project involving research and experimentation, and present their projects during the school science fair in the spring.

Textbook: Focus on Life Science (Glencoe Science)

Materials: 2 Graph Paper (Quad) Composition Notebooks

Time Allotment: 1 hr.45 min. block, 2 days a week; +50 minute period, 1 day a week

Units of Study: Cell Biology
Reproduction and Genetics
Evolution
Living System: Structures and Functions

Areas to be Evaluated: Tests (30%)
Homework (30%)
Labs (20%)
Quizzes (10%)
Class Participation (10%)

Additional Activities: Every student will be required to complete a Science Fair project and present it at our Annual BCS Science Fair in March. Winners will go to Biola University for the ACSI Science Fair in April.