

Course Description
Science Grade 8
Teacher Mrs. Golden

Course Philosophy: Genesis 1:1 states the “God created the heavens and the earth.” We believe that there is a divine order in the design of everything. Using this as a foundation, the scientific method should bring our students to a fuller understanding of the truth of God’s word. Therefore we will provide a solid foundation in science that is based on Biblical principles.

Course Goals: 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.

Textbook: Matter in Motion (A Beka) / Let’s Be Healthy(A Beka)/Sex and the New You ()

Time allotment: 45 minutes per day, 5 days a week

Course content:

- Earth/Space science unit
 - Consider the Heavens and Man and the Universe
- Physical science unit
 - Solid matter in motion
 - Fluids in motion
 - Heat: Molecule in motion
 - Birds efficiency in motion
 - Science vs. Evolution
 - Magnets and magnetism
 - Electrons and electricity
- Anatomy unit
 - Your Body’s Framework
 - The value of purity: girls and boys have a separate class for the week.
- Nutrition unit
 - Energy system
 - Food for fun and fitness

Areas to be evaluated:

- Class participation, homework assignments, quizzes and tests
- Individual and group projects
- Experiments, demonstrations, application of scientific process

Additional Activities:

- Students will have opportunities to participate in an East Coast Trip.
- Projects will be assigned throughout the year to complement the course of study. Unit notebooks will be completed for the units of study.

Check out the science website for information, homework and grades throughout the year.
no - (www) web site is: dianegolden.home.att.net