



Veritas Academy

A Center for Classical Christian Learning
Savannah, Georgia

7th/8th Grade General Science – Syllabus

Term: 2011-2012

Teacher: Mrs. Courtney Quarterman
cquarterman@veritassavannah.org

Course Description: This course introduces the student to the world of science beginning with a brief history of science, how to apply science, the history of the earth and some of the living creatures that exist, how the body works, and various aspects of God's creation. As we read each chapter, notes will be taken, discussion encouraged and experiments performed when necessary (both in class and at home). We will learn about the scientific method, designing experiments, simple machines, archeology, geology, paleontology, biology, human anatomy and physiology. Throughout our course, the Biblical worldview will be applied as we engage in class discussion.

Textbook: Dr. Jay L. Wile. *Exploring Creation with General Science*. Apologia Educational Ministries, 2000

Student Materials: Sections in a three-ring-binder, folder or dividers with pockets for organizing materials; separate scientific experiment notebook for journaling and sketching - the black/white composition book is a good choice for this. **(no spiral notebooks please)**

Additional Information: All writing assignments are due on the date given. Most of the chapters include science experiments. We will conduct some of these in the classroom and some at home. Each experiment should be recorded in the experiment notebook.

Evaluation:	Tests	50%
	Homework/Labs	20%
	Quizzes/Papers	25%
	Participation	5%

Weekly Outline:

<i>Week</i>	<i>Module</i>	<i>Topic</i>
1-2	1	Brief History of Science
3-4	2	Scientific Method
5-6	3	Analyzing and Interpreting Experiments
7-8	4	Science, Applied Science and Technology
9-10	5	History of Life-Archeology, Geology and Paleontology
11-12	6.	Foundations of Geology
13-14	7	Fossil Record
15-17	8	Uniformitarianism and Catastrophism
18-19	1-8	1st Semester Exam
20-21	9	What is Life?
21-22	10	Classifying Life
23-24	11	Human Body: Fearfully and and Wonderfully Made
25-26	12	Energy and Life
27-28	13	Human Digestive System
29-30	14	Human Respiratory and Circulatory System
31-32	15	Human Lymphatic, Endocrine and Urinary System
33-34	16	Human Nervous System
35	9-16	Review
36		2nd Semester Exam