

Course Syllabus

General Science

H.O.M.E. Group 2018-2019

Instructor: Andrew White

Email: andrew.k.white@gmail.com

Cell: 248.872.4142

Start Date: September 14, 2018

Class Times: 7:45-9:15am

End Date: May 17, 2019

Schedule II

Cash Cost: \$160 + \$35 Materials Fee

SOARCE Cost: \$250 paid by SOARCE - \$35 Materials Fee paid by Student

Instructor Biography

Michigan State University graduate with a Bachelor of Science in Computer Engineering and specialization in Biomedical Engineering. Instructor at Mad Science in Metropolitan Detroit. Vacation Bible School Staff at Calvary Christian Church in Royal Oak. Experience in private tutoring. Former instructor at Bricks 4 Kids in Troy and The Great Adventure Lab in Metropolitan D.C. My special interests are in designing, fabricating and testing a unique automated knitting machine, playing piano for the elderly at a local retirement home, serving in tech at church, cooking for special events and fundraisers.

Course Description

This course is designed to provide the laboratory experiences that should accompany the bookwork in general science. The course will follow Apologia's Exploring Creation with General Science book. I will provide the students with a lab notebook which will explain the experiments and provide space for them to record their observations and conclusions. Labs that are missed should be completed at home if possible. This course is a full high school credit.

Course Objectives/Goals

Brief History of Science

Scientific Inquiry

How to Analyze and Interpret Experiments

Science, Applied Science, and Technology

The History of Life - Archaeology, Geology and Paleontology

Foundations of Geology

The Fossil Record

Uniformitarianism and Catastrophism

What is Life?

Classifying Life

The Human Body: Fearfully and Wonderfully Made

Energy and Life

The Human Digestive System

The Human Respiratory and Circulatory Systems

The Human Lymphatic, Endocrine, and Urinary Systems
The Human Nervous System

Textbook and Supplies Needed

Apologia's Exploring Creation with General Science text book.

Classroom Policies

*In all we do, in word or deed, we will Honor God.

*We will be encouraging, respectful and honoring to one another in our attitudes, comments, and gestures.

*Use of electronics is limited to class activities only.

*Please be punctual and attentive.

*All work is expected to be turned in on or before the due date.

Evaluation and Grading:

<i>Percent</i>	<i>Letter Grade</i>
100 - 90	A
89 - 80	B
79 - 70	C
69 - 60	D
59 - 0	F