



WEST HARPETH CHRISTIAN TUTORIAL

General Science

Tutor:

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Prerequisites:

- This class is open to middle school students.
- It is recommended for our 7th - 8th grade students.



Course Description

This course is designed to be a broad introduction to the sciences.

Topics include the history of science, the scientific method, designing experiments, archaeology, geology, paleontology, astronomy, earth science, basic chemistry, physics, biology, marine life, and environmental science. These topics are approached from a Biblical perspective.

Hands on learning is essential to science, and in-class, high-engagement experiments & activities that teach these concepts will be the primary goal of students' class time.

Books & Supplies

- Physical copy of **Apologia's General Science**
 - ISBN - 978-1-946506-57-3
 - there is also an audio version that is available and optional (Physical text is still required.)
- 1' binder with dividers labeled Notes, Vocabulary, Videos, Labs, Misc.

Commitment

- This course meets once a week.
- Students can expect to spend approximately 2-3 hours per week on homework.
- The student will be responsible for reading (and/or listening to) the material in the text on a weekly basis. The course covers approximately one half of a chapter (~15 pages of reading in the text) per week.
- Other homework will include chapter notes, worksheet assignments, vocabulary, videos, and lab write-up completion.
- One project will be assigned each semester.
- All testing is proctored at home EXCEPT YOUR FINAL EXAM, which will be given on exam day at WHCT.

A typical class will look like...

Class time will consist primarily of labs and other hands-on activities to reinforce material from text. Direct teaching and discussion of important concepts from the week's lesson is done in the form of structured note taking prior to the lab.