



Physical Science

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Prerequisites:

- This course is typically recommended for 8th-9th grade students.
- Student must have completed Prealgebra.
- Completion of Apologia General Science is highly recommended but not required.
- If you are planning to use this course as a high school science credit, please contact your umbrella for its acceptance prior to the 9th grade.



Course Description:

The Physical Science course invites students to see the world around them in a new light through thoughtful study of such fundamental subjects as atomic theory, general chemistry, physics, electricity, and gravity.

We will use the tools of hands-on experimentation and inquisitive discussion to uncover how it is that we, as the handiwork of an awesome Creator, exist in the natural world He has created.



Commitment:

- This course meets once a week.
- 4-6 hours per week of homework can be expected
- A typical week's homework includes reading, answering questions, and experiment summaries.
- Module tests will be taken at home.
- Although the majority of experiments will be performed in class, students will be asked to perform a few experiments at home in order to heighten learning. Supplies for these will largely be typical components found in the home, or will be provided by the tutor.
- A summer assignment is required for this course.



A typical class will look like...

Class time is used to enhance the reading that is done at home prior to each class.

To this end, when we meet each week, we will focus on learning from one another in community, and students are asked to come to class prepared to engage and contribute to that community.



Books and Supplies

Exploring Creation with Physical Science, 3rd ed. **ISBN: 9781946506511**



Exploring Creation with Physical Science Solutions and Test Manual, 3rd ed. **ISBN-13: 9781946506528**



The following materials: 3-ring binder w/ 15 dividers, index cards, scientific calculator such as TI- 30X IIS (approximately \$15 for this calculator)

OPTIONAL: *Exploring Creation with Physical Science Audible Audiobook:*

ASIN: B08NTR2968

This is a helpful resource when reading the textbook, BUT does not replace the textbook.

