

Apologia Physical Science

Thursdays 10:10-11:10

Grade level: 8-9

Teacher: Kelly O'Brien

Student Fee: \$35

Class size: 2-15

I. Course Description

This is a Christ-centered, college-preparatory, junior high school, science course taught in a 32-week, school-year-block schedule. This course utilizes the Exploring Creation with Physical Science, 2nd Edition, textbook by Dr. Jay L. Wile and its accompanying Solutions Manual. There are 16 modules to complete; hence, the student will finish one module every two weeks. This course covers topics such as chemistry, air and atmosphere, water and hydrosphere, earth and lithosphere, weather and its prediction, physics and Newton's Laws, forces in Creation, and astrophysics. The 48 labs will be done in class.

II. Student Requirements

The student will be required to bring in a notebook for lab reports that will be filled in during class and rewritten at home according to parents' instructions. Students must complete 20 – 25 pages of reading per module (every 2 weeks), answer module study guide questions and take biweekly chapter tests. The tests are to be proctored and graded by the parents and brought into class to be recorded. Recommended semester grades will be awarded based upon test scores, lab reports, and homework completion.

II. Required Materials

Exploring Creation with Physical Science by Apologia, 2nd edition. Textbook
Exploring Creation with Physical Science by Apologia, 2nd edition. Solutions and Test Manual
Binder for lab reports

Optional:

2nd edition Apologia Physical Science Student Notebook (This notebook contains pages to answer the module On Your Own and Study Guide Questions, but does not replace the Lab Report binder.)
2nd edition Apologia Physical Science CD Rom companion (Will show in class when time allows.)