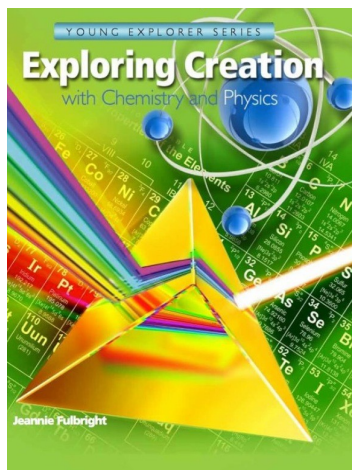


## 5/6 Chemistry and Physics Apologia 2025.26



**Instructor:** Libby Frazier

**Email:** libby.frazier@scholarsguild.net

**Supply Fee:** \$65 (Due May 6, 2025)

**Extended Session:** None

**Prerequisites:** None

**Minimum Class Size:** 6

**Monthly Tuition-** \$44 / month

(9 equal payments August-April)

**Total Yearly Tuition-** \$396

### Course Description

In this 1.25-hour course, we will be discovering the electrifying, exhilarating, and energetic world of chemistry and physics with the newest book in the Apologia Young Explorer Series: ***Exploring Creation with Chemistry and Physics*** by Jeannie Fulbright. With hundreds of hands-on demonstrations that bring science to life, you'll soon be an expert on everything under the sun – including the thermal and solar energy from the sun itself! From atoms to Archimedes, nuclear energy to Newton's Laws of Motion, sound to simple machines, and anything that turns on, lights up, or shocks you- including making a smoke bomb! Better yet, you'll learn the interesting laws that govern the world God made and the physics that keep it in motion. Weekly reading will be assigned. Specific activities from the Apologia Notebooking Journal designed to supplement the text will be assigned. The targeted grade is 5/6.

### Primary Course Text

Exploring Creation with Chemistry and Physics by Jeannie Fulbright

ISBN-13: 9781935495987

Exploring Creation with Chemistry and Physics Notebook (NOT junior version)

ISBN-13: 9781940110059

### Supplies

- 3 ring binder
- Notebook Paper
- Pencils
- Color Pencils

## **Course Expectations**

***In-class Responsibility:*** This class has a huge emphasis on labs and hands-on activities. Each week will consist of one, if not more, labs in class. The hands-on learning is critical for complex concepts at this age. Some labs will be completed individually, while others will be completed with partners. These labs are used to further explain and demonstrate the concepts the students are learning. In addition, some of the class time each week will be spent discussing and explaining some of the major concepts and/or difficult concepts from the reading completed the previous week. Students will listen and fill in their class notes from the PowerPoint as we discuss the information for that week. They will also have ample time to ask questions about concepts they may not understand. When the topic and time allow, I also bring in additional information about concepts they are learning.

***At-home Responsibility:*** Since I only have your student once during the week, it is crucial that your student completes all assigned work at home. Assignments will be provided for you on Google Classroom and FACTS. I will provide a weekly suggested schedule that breaks down all the homework by day for that week. You have the flexibility to use this schedule or adjust it to fit your family. I will check some of the assignments in class each week. In order to use our class time as wisely as possible, I do not check every assignment that the students completed that week. For the assignments that I do not check in class, I ask that the parent check them at home. I will provide you with the answers. Students will also be required to print some documents at home.

## **Assessments**

Students at this level do not receive formal grades. The goal at this stage is to instill a love of learning in the student while helping him/her learn the prerequisite skills for future academic success in an encouraging setting. I will be providing accountability each week with homework assignments by reviewing them in class. Homework assignments will be checked for effort and completion as part of the course grade. In addition, I will periodically collect work to provide feedback to your student. There will also be some optional tests provided if the student desires to take them. Students will receive two written progress reports via FACTS. If you have any questions about your student's performance, please do not hesitate to contact me.

## **Summer Assignments**

No summer assignments will be given for this class.

## **Teacher Responsibility**

The instructor will provide weekly in-class instruction, labs, and periodic (optional) tests beginning the second semester. The instructor will also provide accountability by checking portions of the homework assignment for effort and completion. Assignments will be posted weekly on Google Classroom and FACTS and emails will be answered in a prompt manner. Some assignments will be divided based upon grades (5<sup>th</sup> or 6<sup>th</sup>). Two evaluations will be given via FACTS.

**Student Responsibility**

It is the student's responsibility to keep up with assignments on Google Classroom, come to class prepared, participate in class discussions and labs, ask questions, and seek help if needed.

**Parent Responsibility**

Parents are responsible for overseeing assignments at home and being sure that your student understands the material as the course progresses. Parents are expected to check class notes and assignments on Google Classroom or FACTS weekly and review homework assignments as needed. Parents will also check the What Do You Remember questions, and any other homework not checked in class, at the end of each chapter for correctness. The parent will be provided with the answer key. You may choose to read the text to your student and discuss the course content at home.