Apologia: General Science (D)

Exploring Creation with General Science, 3rd edition, is a true general science course covering a wide range of the branches of science. There is a large component of Earth Science (modules include astronomy, meteorology, oceanography, earth study, geology, palaeontology, and environmental science) to give students a great foundation of that broad field of study.

This course was rewritten to give intermediate-aged students an understanding of the basic world that surrounds them each day of their lives so that they can appreciate the real-world relevance of scientific inquiry and the beauty of creation. The students will learn what science is and, in a detailed and engaging way, how to utilize the proper scientific method.

The final module is a fun and exciting culmination of the course. It has no exam, rather students are given step-by-step instructions to build a final project of creating a Rube-Goldberg machine, incorporating many of the scientific principles they learned throughout the year (such as combustion, buoyancy, simple machines, and more). Between the project set-up instructions, students will read testimonies from modern-day scientists, sharing how they see God's hand as they work in their respective fields of science.

Student Preparation:
Each student will have a Notebooking Journal that accompanies the text book. At the end of each week, there will be various note booking activities assigned to the students to complete. You will find these notebooking activities to be important tools for providing a record of progress and learning. And it is highly recommended that the student follows the timetable that the facilitators have designed in order to finish these notebooking activities in a timely manner and also that they can be prepared for the in-person class on a Friday.

Experiments:
In early modules, specific portions of the text are highlighted so students know where to find important information for lab write-ups, and they are guided through that process. Although the students might complete more than one experiment in a module, they are given the opportunity to choose a single experiment on which they want to complete a lab report, thus providing the opportunity to build on interest-driven learning. Lab report samples are provided so the students learn proper formatting and what is expected of them.

Required Textbook	Exploring Creation with General Science, 3rd Edition, TEXTBOOK Exploring Creation with General Science, 3rd Edition, STUDENT JOURNAL
Additional Resources	Exploring Creation with General Science, 3rd Edition, TEST & SOLUTIONS