

SOLUTIONS AND TESTS FOR
EXPLORING CREATION WITH
**GENERAL
SCIENCE**

3rd EDITION



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Seligson



TABLE OF CONTENTS

EXPLORING CREATION WITH **GENERAL SCIENCE** 3rd Edition



BEFORE YOU BEGINVII
MODULE 11
THE HISTORY OF SCIENCE—SEARCH FOR THE TRUTH	
MODULE 27
SCIENTIFIC INQUIRY AND THE SCIENTIFIC METHOD	
MODULE 315
DOCUMENTING AND INTERPRETING EXPERIMENTAL RESULTS	
MODULE 423
SCIENTIFIC ANALYSIS AND HISTORY	
MODULE 529
EARTH SCIENCE—ASTRONOMY	
MODULE 635
EARTH SCIENCE—GEOLOGY AND PALEONTOLOGY	
MODULE 741
EARTH SCIENCE—METEOROLOGY AND OCEANOGRAPHY	
MODULE 847
GENERAL CHEMISTRY	

MODULE 9	53
GENERAL PHYSICS	
MODULE 10	59
LIFE SCIENCE	
MODULE 11	65
GENERAL BIOLOGY	
MODULE 12	71
MARINE SCIENCE	
MODULE 13	77
ENVIRONMENTAL SCIENCE	
MODULE 14	83
SCIENCE AND CREATION	



BEFORE YOU BEGIN

EXPLORING CREATION WITH **GENERAL SCIENCE** 3rd Edition



Thank you for choosing *Exploring Creation with General Science*. We designed this course to meet the needs of the homeschooling family. This course has several features that make it ideal for homeschooling:

1. The course is written in a conversational style. Therefore, the text is easy to read, and the student feels more like he or she is participating in a science conversation, not just reading.
2. The course is completely self-contained. Each module includes the text of the lesson, experiments to perform, and questions to answer. This manual contains the solutions to the study guide questions, tests, and solutions to the tests.
3. The experiments use a lot of materials that are readily available at either the grocery or the hardware store.
4. Most importantly, this course is Christ-centered. In every way possible, we show how the science glorifies and points us toward God. One of the most important things your student should get out of this course is a deeper appreciation for the wonder of God's creation!

PEDAGOGY OF THE TEXT

There are 2 types of exercises the student is expected to complete: "On Your Own" questions and study guide questions.

- The “On Your Own” questions should be answered as the student reads the text. The act of answering these questions will solidify in the student’s mind the concepts he or she is trying to learn. The answers to these questions are included as a part of the student text. The student should use those answers to check his or her work. These questions are NOT graded.
- The study guide questions help the student review what has been covered in a module and should be answered after the student completes the module. They will help the student recall the important concepts from the reading. Students should spend some time reviewing their notes, On Your Own questions and solutions, and experiments before moving on to the study guide. Students should attempt to complete the study guide with their knowledge first. If they cannot answer all of the questions completely, they should be allowed to use their notes. This helps them learn good note-taking skills. If their notes are insufficient to answer all of the study guide questions, students should use the textbook to find the answers. Study guide questions are NOT graded. After students feel that they have a solid understanding of the materials, they are ready to take their exams.

In addition to the questions discussed above, there is also a test for each module (except Module 14). For the first 2 modules, the student is instructed to take the exams as open book tests. Because this is a transition course from our elementary series, many students might not have had exposure to tests, and this is a way to help them learn the testing process. You have our permission to copy the tests out of this book if you would prefer to do that instead of administering the tests directly out of this book. **We strongly recommend that you administer each test once the student has completed the module and all the associated exercises. The student should be allowed to have only pencil and paper while taking the test** (with the exception of Modules 1 and 2 when they will be allowed to use their notebook and student textbook).

Any information the student must memorize is centered in the text and put in boldface type. Any boldface words (centered or not) are terms with which the student must be familiar. In addition, all definitions presented in the text need to be memorized.

You will notice that every answer contains an underlined section. That is the actual answer to the question. The rest is simply an explanation of how to get the answer. For questions that require a sentence or paragraph as an answer, the student need not have exactly what is given in this book. The basic message of his or her answer, however, has to be the same as the basic message of the answer given in this book.

EXPERIMENTS

The experiments in this course are designed to be done as the student is reading the text. The details of how to perform the experiments and how to keep a laboratory notebook are discussed in the student text and student notebook.



TESTS

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