



PIONEERS Co-Op

P.O. Box 6425, Jackson MI 49201

Voicemail: (517) 888-4328 Email: OfficeAdmin@pioneershess.org

Website://pioneershess.org

Overview of GENERAL SCIENCE

Apologia (Grades 7/8)

Grading Scale

90-100%	=A
80-89%	=B
70-79%	=C
60-69%	=D
Less than 60%	=E

Tutor: Mrs. April Butterfield
517-612-9632
a.gillett@yahoo.com

Textbooks:

Exploring Creation with General Science by Dr. Jay Wile PhD. (Apologia; **second edition**)
(ISBN: 1932012869)

Solutions Manual (Please keep in parent's possession!)

Lab Fee: \$10.00/semester

Some of the Concepts to be Studied Include:

- History of Science
- Scientific Method
- Analysis and Interpretation of Experiments
- Applied Science and Technology
- Archaeology
- Geology
- Paleontology
- Uniformitarianism and Catastrophism
- Life
- DNA
- Classification
- Human Body
 - Bones and Muscles
 - Energy and Life
 - Digestive System
 - Respiratory and Circulatory Systems
 - Lymphatic System
 - Endocrine System
 - Urinary System
 - Nervous System

First Semester	% of semester grade
Class participation/ Organization	10%
Homework	20%
Labs	20%
Module Tests/Quizzes	30%
Exams	20%

Second Semester	% of semester grade
Class participation/ Organization	10%
Homework	20%
Labs	20%
Year End Project	10%
Tests/Quizzes	20%
Exams	20%

Class Participation is Based Upon:

1. **Attendance** — be on time!
2. **Preparedness** — Come to class with all your supplies (see list) and make sure you read the assignment
3. **Active participation** in class discussions and labs



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Homework: (should require about 3/4 to 1 hour of work per day)

1. One common assignment is the **On your own** problems. These are throughout your assigned reading and should be answered as you go along. Grade them at home for immediate feedback. DO NOT look at the answers until you try them on your own! I will collect these for accountability and to check for understanding.
2. Another common assignment is the **end-of-the module study guides**. I will grade these, but parents correct them.
3. **Lab reports** as a written record of the labs we do in class.
4. Homework and reading will be assigned four days a week, even on the week of the month when we do not meet. Please be diligent with this, we have a lot of material to cover!

Quizzes and Tests:

1. Quizzes may be given at the beginning of a class period. They will cover vocabulary and the current area of study and reading.
2. Most module tests will be taken at home under a parent's supervision.
3. The quarterly exam is a teacher prepared test given **in class** over material from the previous quarter.

Supplies — Bring to each Class Session:

1. Pencil and/or pen
2. Lined paper for notes and quizzes
3. 3-ring notebook (not bigger than 1 1/2 inches) with five dividers
4. Ruler (both standard U.S. and metric)
5. Calculator