

## 7<sup>th</sup> Grade General Science Syllabus 2017-2018

### Teacher Information:

Cheri Gutteridge

[agutterridgemom@gmail.com](mailto:agutterridgemom@gmail.com)

309-566-9512

### Goals:

1. To glorify God in His amazing creation!
2. To enrich the General Science textbook with hands-on science experiments that can be completed in one class period.
3. To teach students to organize information, setting the stage for success in future science courses.
4. To encourage preparation, participation and leadership

### Course Schedule 1<sup>st</sup> Semester:

Module 1:	Covered on 9/1	Overview & STEM Challenge
Module 2:	<i>Covered on 9/8</i>	Experiments 2.1,2.2, 2.3
Module 3:	<i>Covered on 9/22</i>	Experiments 3.1, 3.3, 3.4
Module 4:	<i>Covered on 10/13 &amp; 10/20</i>	Simple Machines hands-on activities
Module 5:	<i>Will not be covered at Co-Op</i>	Computer Science substituted
Module 6:	<i>Covered on 11/3</i>	Sediments, Erosion, Weathering Activities
Module 7:	<i>Covered on 11/17</i>	Experiment 7.1, Rock Hunt, Fossil Examples
Module 8:	<i>Will not be covered at Co-op</i>	

### Reading / OYO / Study Guides:

Students will be expected to read the textbook and do the On Your Own (OYO) questions and Study Guides for most modules. I will provide a guideline (General Science Calendar) for scheduling the reading and will check in class to see that OYO questions and study guides are complete. No grades given. Tests are optional and given by the parents.

### Science Project:

Each students will complete a semester long science project outside of class. First semester, the project is to design and carry out a science experiment of their own chosen topic, create a presentation and present to the class on 12/4. A Science Project Planning Packet will be provided to guide students through the process as well as class time set aside (September 29th & November 3rd) for introduction/questions/feedback/accountability. The science projects will be on display the night of the Christmas program.

### Required Materials:

*Apologia* Exploring Creation with General Science. 1<sup>st</sup> or 2<sup>nd</sup> Edition (2<sup>nd</sup> preferred)

Science Notebook/spiral

Pencil brought to co-op