

**7th Grade General Science Co-op Schedule
Fall 2019**

| <u>Date:</u> | <u>Module:</u> | <u>Experiments:</u> | <u>Discussion:</u> |
|---------------------|-----------------------|---|---|
| 9/6 | Module 1 | Spatial Observation STEM Challenge | Semester Overview Lab Reports/science project |
| 9/13 | Module 2 | 2.1,2.2,2.3 Lab Coaches | Scientific Method |
| 9/20 | Module 3 | 3.1,3.3,3.4 | Experiment Variables |
| 10/4 | Module 4 | Science Project Simple Machines | Science Project Research Examples |
| 10/11 | Module 4 | Simple Machines | Building Simple Machine |
| 10/18 | Module 5 | Science Project help | Archaeology, Science Project |
| 11/1 | Module 6 | 6.2,Sedimentation/jar | Weathering |
| 11/8 | Module 7 | Fossils, Casts, Look Outside rock hunt | Fossils from museum |
| 11/15 | Module 8 | Presentations | Venn diagram: Catastrophism vs. Uniformitarianism |
| 12/9 | Last Co-op | Presentations | Review games |

Teacher:

Audrey Schrepfer

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 the students to organize information, setting the stage for success in future science courses.
4. To encourage preparation, participation, and leadership.

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 of the modules. I will provide a guideline 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 parents.

Science Project:

Each student will be expected to do a Science Fair 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 it to the class on November 15. A Science Project Planning packet will be provided to guide students through the process as well as class time set aside (September 6, October 4, October 18) for introductions, questions, feedback, and accountability.

Required Materials : Apologia's Exploring Creation with General Science. 2nd edition, spiral notebook, pencil