

# 7<sup>th</sup> Grade General Science Syllabus 2<sup>nd</sup> Semester

2017

## Teacher Information:

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## Course Schedule 2nd Semester:

Module 9:	<i>Will not be covered at Co-Op</i>	Experiments from book at home
Module 10:	<i>Covered on 01/27</i>	Classifying Life: Dichotomous Key, Elephant Toothpaste, Turgor Pressure Labs
Module 11:	<i>Covered on 2/3 and 2/17</i>	Human Body: Bones, Skeleton Model, Dissect Chicken Wing
Module 12:	<i>Covered on 3/3</i>	Energy and Life: Combustion Experiment and Food Label
Module 13:	<i>Covered on 3/17</i>	Digestive System: Make Poo!
Module 14:	<i>Covered on 3/31 and 4/7</i>	Respiratory and Circulatory Systems: Heart Model, Experiments 14.1, 14.2, 14.3, 14.4
Module 15:	<i>Covered on 4/21</i>	Lymphatic, Endocrine and Urinary Systems: Experiment 15.1
Module 16:	<i>Covered on 4/28</i>	Nervous System: Brain Hat, Experiment 16.1

## Reading / Assignments:

- Students will be expected to read the textbook and do the On Your Own (OYO) questions for each module at home. I will provide a guideline for scheduling the reading , OYO questions, study guides and tests. (See 2017 Spring - General Science Calendar on website)
- Drawing Portfolio: Each student will create a portfolio of 15 drawings throughout the semester. The purpose of this assignment is to teach responsibility and to learn anatomy. Drawings should be on **regular unlined paper** and will be kept in their Science Journal. Drawings should be large enough to fill the paper, in color, labeled similar to the figures listed below, and drawn neatly. **No prints or copies of drawings from other sources are allowed.** The schedule for the drawing assignments is included in the General Science Spring Semester Calendar.

Drawing 1: CELL	Figure 9.5
Drawing 2: PLANT CELL	Figure 10.8
Drawing 3: SKELETON	Figure 11.2
Drawing 4: Muscles	Figure 11.4
Drawing 5: SKIN	Figure 11.8
Drawing 6: COMBUSTION	Figure 12.6
Drawing 7: DIGESTIVE SYSTEM	Figure 13.1
Drawing 8: HEART	Figure 14.3
Drawing 9: BLOOD FLOW	Figure 14.4
Drawing 10: RESPIRATORY	Figure 14.7
Drawing 11: LYMPHATIC	Figure 15.1
Drawing 12: URINARY SYSTEM	Figure 15.5
Drawing 13: ENDOCRINE	Figure 15.6
Drawing 14: NERVOUS SYSTEM	Figure 16.5
Drawing 15: BRAIN	Figure 16.6

- Science Project: During the first week in May, each student will become an expert on one body system of their choice and present an enlarged drawing of the system and a short presentation to the class on May 5th. The presentation must include the answers to the following questions: 1) What is the purpose of the system? 2) What are the parts of the system? 3) Why does the body need the system? 4) What are 3 diseases that affect the system?

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, Science Folder, Drawing Portfolio Folder