The schedule: This schedule is designed so that the student will complete the reading and On Your Own (OYO) questions in the textbook each week between co-op classes. Class time will primarily be spent doing experiments except on a few occasions. Students should do their best to keep up with the schedule of homework so they are comfortable with the lab topics. Students or parents should always check the answers to the OYO questions the student completes, and have them correct any incorrect answers. Answers to the OYO questions are found at the end of each module. Study guide answers are found in the teacher guide along with the tests. Any incorrect answers on these questions should be corrected as well. Tests will also be completed at home, but may be turned into the instructor for review – this will be noted on the syllabus or announced as it occurs. Periodically, class time will be used to review the progress the student is making with their homework assignments and to take a look at their lab notebooks.

What to bring to each class: Students should always bring their Apologia General Science textbook, a lab notebook, and a pencil to class. In addition, they will need to check their schedule and the supplies lists in their textbook and bring the appropriate supplies needed for that week’s lab experiments, unless directed otherwise by their instructor. It is the student’s responsibility to be prepared for class with these supplies! Some experiments may need to be started at home and then brought to class - these are usually noted on the schedule.

Lab notebooks: Lab notebooks can be any notebook of the student’s choice, so long as they have enough pages for the experiments for the school year. A 3-ring binder with loose-leaf notebook paper is highly recommended. An alternative to notebook paper is to create a lab report on a word processor and print sheets for your lab manual. You may also find some ready to print on the internet. Students will write a lab summary for each experiment they do, and each one should be on a separate sheet of paper. The name and number of the experiment should be set at the top as the title of the page. A section for ‘data’ should be labeled. This is where the student will write down all the data that was compiled while completing the experiment. After this, a section entitled ‘summary’ should be made. Here the student will write a brief summary report of what was done and what he/she learned during this experiment.

Week 1:
Introduction to the class, students and instructor. Review the book format, outside assignment schedule, tests, weekly class format, supplies, students’ responsibilities, etc.
Begin discussing Module 1.

Week 2:
Read pp. 1-7 and do OYO questions p. 3 and 7.
Read pp. 8-16 and do OYO questions p. 11 and 16.
Read pp. 16-18 and do OYO questions p. 18.
Read pp. 18-24 and do OYO questions pp. 23 & 24.

Do Experiments 1.1 and 1.2

Week 3:
Read pp. 24-31 and do OYO questions p. 29.
Complete Module 1 Study Guide.
Complete Module 1 Test.

Do Experiments 1.3 and 1.4
Introduce Module 2.

Week 4:
Read pp. 35-39 and do OYO questions p. 39.
Read pp. 40-44 and do OYO questions p. 44.
Read pp. 44-48 and do OYO questions p. 48.

Do Experiments 2.1 and 2.2

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| Week 5:          | Read pp. 48-55 and do OYO questions p. 55.  
|                 | Complete Module 2 Study Guide.  
|                 | Take Module 2 Test.  
|                 | Review Module 1 and 2 Tests during Week 5. Use class time to review lab notebook set up, check student’s progress on homework assignments, and assist students in any way necessary. Introduce Module 3. |
| Week 6:         | Read pp. 59-63 and do OYO questions p. 63.  
|                 | Read pp. 64-69 and do OYO questions p. 70.  
|                 | Read pp. 70-73 and do OYO questions p. 73.  
|                 | Do Experiments 3.2 |
| Week 7:         | Read pp. 74-77 and do OYO questions p. 77.  
|                 | Complete Module 3 Study Guide.  
|                 | Take Module 3 TEST.  
|                 | Do Experiments 3.3 and 3.4  
|                 | Introduce Module 4 |
| Week 8:         | Read pp. 83-86 and do OYO questions p. 86.  
|                 | Read pp. 87-92 and do OYO questions p. 92.  
|                 | Read pp. 93-99 and do OYO questions p. 95 and 99.  
|                 | Do Experiments 4.1 and 4.2 |
| Week 9:         | Read pp. 101-104 and do OYO questions p. 104  
|                 | Complete Module 4 Study Guide.  
|                 | Take Module 4 TEST.  
|                 | Introduce Module 5  
|                 | Lecture or lab activities as planned by instructor - not in textbook. |
|                 | Read pp. 118-123 and do OYO questions p. 121 and 123.  
|                 | Read pp. 124-128 and do OYO questions p. 127.  
|                 | Instructor will check progress of homework assignments and lab notebooks. Lecture or lab activities as planned by instructor - not in textbook. |
| Week 11:        | Read pp. 128-131 and do OYO questions pp. 130 and 131.  
|                 | Do Study Guide questions for Module 5 on pp. 133-134.  
|                 | Take Module 5 TEST.  
|                 | Introduce Module 6.  
|                 | Do Experiment 6.1 |

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Week 12:  
Read pp. 135-140 and do OYO questions pp. 136 and 140.  
Read pp. 140-147 and do OYO questions pp. 143 and 147.  
Read pp. 147-152 and do OYO questions p. 152.  
Start Experiments 6.3.  (You'll need to take this home to finish and write your lab report.)  
Plan to bring your lab report on this experiment to class next week to discuss your results.

Week 13:  
Finish Experiment 6.3 and write lab report.  
Read pp. 152-155 and do OYO questions p. 155.  
Complete Module 6 Study Guide.  
Take Module 6 TEST.  
Introduce Module 7.  
Do Experiment 7.1.

Week 14:  
Read pp. 159-164 and do OYO questions p. 162 and 164.  
Read pp. 164-168 and do OYO questions p. 166 and 168  
Instructor prepare Experiment 7.2 and bring to class for observation and discussion.

Holiday Break – No Classes Until January!

Week 15:  
Read pp. 174-181 and do OYO questions p. 177, 180, and 181.  
Complete Module 7 Study Guide.  
Take Module 7 Test.  
Introduce Module 8.  
Do Experiment 8.1

Week 16:  
Read pp. 185-194 and do OYO questions p. 191 and 194.  
Read pp. 194-198 and do OYO questions p. 198.  
Read pp. 198-207 and do OYO questions p. 203 and 207.  
Lecture or lab activities as planned by instructor - not in textbook.

Week 17:  
Read pp. 208-211 and do OYO questions p. 211.  
Complete Module 8 Study Guide.  
Take Module 8 Test.  
Lecture or lab activities as planned by instructor - not in textbook.  
Introduce Module 9.  
Discuss Experiment 9.2 which you will prepare at home this coming week.

Week 18:  
Read pp. 215-223 and do OYO questions p. 218 and 223.  
Read pp. 223-229 and do OYO questions p. 226 and 229.  
Prepare Experiment 9.2 and write a lab report.  Bring lab report to class next week.  
Discuss Experiment 9.2 done at home last week.  
Do Experiment 9.1  
Continued on next page…………………………..
| Week 19: | Read pp. 229-236 and do OYO questions p. 234 and 236.  
Complete Module 9 Study Guide.  
Take Module 9 Test.  
Instructor will prepare Experiment 9.4 for observation and discussion in class.  
Introduce Module 10. |
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| Week 20: | Read pp. 240-245 and do OYO questions p. 245.  
Read pp. 245-252 and do OYO questions p. 249 and 252.  
Read pp. 252-256 and do OYO questions p. 256.  
Discuss Experiment 10.1 (Part 1) which students will set up at home this week.  
Students should prepare their lab reports and bring them to class next week.  
Do Experiment 10.2 – students will take this home and observe it for one week.  
Student should Prepare a lab report and add it to their notebook. |
| Week 21: | Do Experiment 10.1 (Part 1) and prepare your summary for class next week.  
Make daily observations of Experiment 10.2 and prepare your lab report on Friday.  
Read pp.256-161 and do OYO questions p. 260 and 261.  
Complete Module 10 Study Guide.  
Take Module 10 Test.  
Discuss results of Experiment 10.1 (Part 1) that was completed at home last week.  
Discuss possible outcomes of Experiment 10.1 (Part 2)  
Instructor prepare Experiment 10.4 and bring to class for observation and discussion.  
Introduce Module 11. |
Do Experiment 11.1 and prepare a lab report on it.  
Bring your lab report to class next week.  
Read pp. 273-282 and do OYO questions p. 279 and 281.  
Bring your lab report for Experiment 11.1 to class and discuss your observations and results.  
Lab activities as planned by instructor - not in textbook. |
| Week 23: | Read pp. 282-288 and do OYO questions p. 287.  
Complete Module 11 Study Guide.  
Take Module 11 Test.  
Introduce Module 12.  
Do Experiment 12.1 |
| Week 24: | Read pp. 293-301 and do OYO questions p. 295 and 301.  
Read pp. 302-308 and do OYO questions p. 306 and 308.  
Read pp. 308-314 and do OYO questions p. 310 and 314.  
Do Experiment 12.2 |
| Week 25: | Complete Module 12 Study Guide  
Take Module 12 Test.  
Make sure you are caught up on all your homework, lab reports and other assignments.  
Introduce Module 13.  
Do Experiment 13.1 |

Do Experiment 13.2

Week 27: Complete the Module 13 Study Guide. Take the Module 13 Test.

Introduce Module 14. Do Experiment 14.1


Do Experiments 14.2 and 14.4

Week 29: Complete Module 14 Study Guide. Take Module 14 Test.

Introduce Module 15. Do Experiments 15.1 and 15.2

**Holiday Break – No Classes Until May!**


Do Experiment 16.4 and 16.5.


Do Experiment 16.6. Bring a snack to pass.

Schedule by Leah Mitchell, updated for 2nd Edition by Kris Stedl donnayoung.org