

August 2011 – May 2012
1:00 – 2:30 PM

Kingdom Builders Homeschool Cooperative
www.kingdombuilderscoop.com

General Science

Parents and Students,

Welcome to General Science!! We are excited to be your Co – op teachers this year. **PLEASE READ YOUR SYLLABUS CAREFULLY!!!!** The syllabus can be one of the most helpful tools for your success in General Science this year. The **Class Schedule** portion of the syllabus outlines all that we hope we can achieve in co-op during class this year.

All **Student Assignments** are outlined in the **Assignment Schedule** portion of the syllabus. Lab Reports are to be completed in the EXACT format of the sample lab report. A copy of the lab report required will be given to the students on the first day of co-op. Due to the time constraint of Co – op, you will be required to complete some labs at home. Additional labs may be assigned if time constraints do not allow completion in class. Students are allowed to use either the traditional method (book and paper) or the lap book method for completing OYO and Study Guide Questions. However, if a student opts to use the lap book method, he or she must bring their lap book work to class when we are reviewing OYO and Study Guide Questions, and each module's lap book must be in the class notebook filed under the appropriate tab.

Tests and lab notebooks are due on the date defined in the Assignment Schedule portion of the syllabus. There is **NO** grace period for tests or turning in lab notebooks unless the parent of the student sends a note with the reason(s) a grace period is necessary. Depending on the reason, assignments may have one letter grade taken off for work handed in late. Also depending upon reason, assignments turned in more than one week late will not be accepted. If for any reason you are absent from class, we will be more than willing to work with you to make up your work and get back in line with the class.

All homework (oyo, study guide, vocab, and labs) must be brought to class each Friday. Students may not attend class if their work is not completed. A note from a parent must accompany any student whose work is not completed.

General Science students should be mature in manner. Students who disrupt and /or disrespect the teacher or class will be given a warning and for any infractions thereafter, student will be taken from class. Students are expected to participate in class discussions and experiments respectfully. As you all know, we will be using the Engrade system for our grades at co-op this year. You and your child will receive an access code for this system. You will have access to an online syllabus and grades. PLEASE access your child's grades frequently as we will not send them to you.

Grading Scale	Tests	40%
	Participation	10%
	Homework	20%
	Lab Notebook	20%
	Presentation	10%

Class supplies

- Apologia Exploring Creation with General Science, 2nd edition (hardback)
 - Apologia Exp. Creation with General Science Solutions & Tests Manual
 - 1 - 1 inch three ring binder (any color or design)
- Pen, pencil (colored pencils may come in handy as well)

Co-op will supply a 2nd binder for class work. It will be given out the first day of class. BRING book, both binders, pen and pencils TO CLASS EACH FRIDAY

Teacher Contact:

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Exploring Creation with General Science: 2nd Edition

Please note that we are meeting on Fridays. The expectation is that the student will have read and completed assignments prior to coming to class.

Week 1 (Class date August 26, 2011)

- Mon 8/22** Read pp. 1 – 7
Answer OYO questions 1.1 – 1.3
- Tue 8/23** Read pp. 8 – 18 (read up to OYO Questions)
Define spontaneous generation
Answer OYO Questions 1.4 – 1.7
- Wed 8/24** Read pp. 18 – 24 (read up to OYO Questions)
Answer OYO Questions 1.7 – 1.9
- Thu 8/25** Read pp. 24 – 31 (read up to OYO Questions)
Answer OYO Questions 1.9 – 1.10
- Fri 8/26** **Welcome and Review Syllabus**
Experiment 1.1 and 1.2
Lab Reports

Week 2 (Class date September 2, 2011)

- Mon 8/29** Lab Report: Experiment 1.2
- Tue 8/30** Module 1 Study Guide
- Wed 8/31** Complete and review Module 1 Study Guide
Review ALL Underlined Vocabulary
Review ALL Module 1 Labs
- Thu 9/1** Complete Module 1 Summary
- Fri 9//2** **Experiments 1.3 and 1.4**
Lab Reports
Take Module 1 Test

Week 3 (Class date September 9, 2011)

- Mon 9/5** Labor Day holiday
- Tue 9/6** Read pp. 35 – 39
Define Underlined Vocabulary
Answer OYO Question 2.1
- Wed 9/7** Read pp. 40 – 44 (read up to OYO Questions)
Answer OYO Questions 2.2 – 2.6
- Thu 9/8** Read pp. 44 – 48 (read up to OYO Questions)
Answer OYO Questions 2.7 – 2.8
- Fri 9/9** **Experiments 2.1 and 2.2**
Lab Reports

Week 4 (Class date September 16, 2011)

- Mon 9/12** Complete Lab Report Exp 2.1 and 2.2
Lab prep: Experiment 2.3
- Tue 9/13** Read pp. 48 – 55
Answer OYO Questions 2.9 – 2.10
Module 2 study Guide 1-10
- Wed 9/14** Complete module 2 study guide
- Thu 9/15** **module 2 summary**
Study for test
- Fri 9/16** **Experiment 2.3 and lab reports**
Take Module 2 test

September 23rd Fall Break

Week 5 (Class date September 30, 2011)

- Mon 9/26** Read pp. 59 – 64 (read up to OYO Questions)
Define underlined vocabulary
Answer OYO Questions 3.1 – 3.3
- Tue 9/27** Read pp. 64 – 70 (read up to OYO Questions)
Define underlined vocabulary
Answer OYO Questions 3.4 – 3.5
- Wed 9/28** Read pp. 70 - 74 (read up to OYO Questions)
Define underlined vocabulary
Answer OYO Questions 3.6 – 3.7
- Thu 9/29** Read pp.74-77
Define underlined vocabulary
Answer OYO questions 3.8 – 3.10
- Fri 9/30** **Experiment 3.1 Lab Report**

Week 6 (Class date October 7, 2011)

- Mon 10/3** Module 3 study guide 1-10
- Tue 10/4** Complete Module 3 Study guide
- Wed 10/5** Summary of Module 3
- Thu 10/6** Review Study guide
Review ALL Underlined vocabulary
- Fri 10/7** **Take Module 3 test**
Labs 3.2, 3.3, 3.4

Week 7 (Class date October 14, 2011)

- Mon 10/10** Complete lab reports 3.2, 3.3, and 3.4
Read pp.83-87 (read to OYO questions)
Define underlined vocabulary
Answer OYO 4.1 and 4.2
- Tue 10/11** Read pp. 87- 92
Define underlined vocabulary
Answer OYO Questions 4.3 – 4.5
- Wed 10/12** Read pp. 93 - 99 (read up to OYO Questions)
Define underlined vocabulary
Answer OYO Questions 4.6 – 4.7
- Thu 10/13** Read pp. 99 – 104
Define underlined vocabulary
Answer OYO Questions 4.8 – 4.10
- Fri 10/14** **Labs 4.1 and 4.2**
Review formulas

Week 8 (Class date October 21, 2011)

- Mon 10/17** Module 4 study guide 1-10
- Tue 10/18** Complete Module 4 Study Guide
- Wed 10/19** Module 4 summary
- Thu 10/20** Module 4 extra math problems
- Fri 10/21** **Review for test**
Take Module 4 Test

Week 9 (Class date October 28, 2011)

- Mon 10/24** Read pp.109 – 114 (read up to OYO Questions)
Answer OYO Questions 5.1 – 5.2
Write Vocabulary Words for Study Guide
- Tue 10/25** Read pp. 114 – 121
Answer OYO Question 5.3 – 5.4
Review Vocabulary Words
- Wed 10/26** Read pp. 122 – 127
Answer OYO Questions 5.5 – 5.7
Review Vocabulary Words
- Thu 10/27** Read pp. 128 – 131
Answer OYO Question 5.8 – 5.10
Review Vocabulary Words
- Fri 10/28** **Review Module 5**
Lab Reports

Week 10 (Class date November 4, 2011)

Mon	10/31	Module 5 Study Guide 1- 10
Tue	11/1	Complete Module 5 Study Guide
Wed	11/2	Complete Module 5 Summary
Thu	11/3	Review Study Guide Review ALL underlined Vocabulary
Fri	11/4	Take Module 5 Test Intro Module 6 Experiment 6.3

Week 11 (Class Date November 11, 2011)

Mon	11/7	Read pp. 135 – 140 (read up to OYO questions) Define underlined vocabulary Answer OYO Questions 6.1 – 6.3 Complete Experiment 6.2
Tue	11/8	Read pp. 140 – 147 (read up to OYO questions) Define underlined vocabulary Answer OYO Questions 6.4 – 6.6 Complete Experiment 6.4
Wed	11/9	Read pp. 147 – 152 (read up to OYO questions) Define underlined vocabulary Answer OYO Questions 6.7 – 6.8
Thu	11/10	Read pp. 152 – 155 (read up to OYO questions) Define underlined vocabulary Answer OYO Questions 6.9 – 6.10
Fri	11/11	Experiment 6.1 Review module 6

Week 12 (Class Date November 18, 2011)

Mon	11/14	Study Guide questions 1-10
Tue	11/15	Complete Study Guide
Wed	11/16	Complete Module 6 Summary
Thu	11/17	Complete all labs Review Study Guide Review ALL underlined Vocabulary Review ALL Module 6 Labs
Fri	11/18	Take Module 6 test Lab notebooks due

November 25th Thanksgiving Break

Week 13 (Class Date December 2, 2011)

- Mon 11/28** Read pp 159 - 164
Define underlined vocabulary
Answer OYO 7.1 and 7.2
- Tue 11/29** Read pp. 165 – 171
Define underlined vocabulary
Answer OYO 7.3 – 7.5
- Wed 11/30** Read pp. 172 – 177
Answer OYO 7.6 and 7.7
Lab prep 7.1
- Thu 12/1** Read pp. 178 -181
OYO 7.8 – 7.10
Lab Prep 7.2
- Fri 12/2** **Lab 7.1 – 7.2**

Week 14 (Class Date December 9, 2011)

- Mon 12/5** Begin Lab 7.3
Complete 7.1 and 7.2 labs
- Tue 12/6** Complete Study guide 1-10
- Wed 12/7** Complete Study guide 11-20
- Thu 12/8** Complete Module 7 Summary
- Fri 12/9** **Take Module 7 Test and Christmas Party**

Extra Week A (January 1/3-6)

- Tue 1/3** Read pp. 185 – 181
Define underlined vocabulary
OYO 8.1 – 8.3
- Wed 1/4** Read pp. 191 – 194
Define underlined vocabulary
OYO 8.4 - 8.5
- Thu 1/5** Read pp. 194 – 198
OYO 8.6 – 8.7
- Fri 1/6** Read pp 199-203
OYO 8.8

Week 15 (Class Date January 13, 2012)

- Mon 1/9** Read pp. 203 – 207
OYO 8.9
- Tue 1/10** Read pp. 208 – 211
OYO 8.10
- Wed 1/11** Module 8 Study Guide 1-10
- Thu 1/12** Module 8 Study Guide 10- 20
- Fri 1/13** **Exp 8.1**
Module 8 Summary
Review Module 8

Week 16 (Class Date January 20, 2012)

- Mon 1/16** Take Module 8 Test
- Tue 1/17** Read pp. 215 -218
Define underlined vocabulary
OYO 9.1 9.2
- Wed 1/18** Read pp. 218 – 223
OYO 9.3 and 9.4
- Thu 1/19** Read pp. 223 – 229
Define underlined vocabulary
OYO 9.5 – 9.7
- Fri 1/20** **Turn in Module 8 Test**
Labs 9.1 9.2 9.4

Week 17 (Class Date January 27, 2012)

- Mon 1/23** Read pp. 229 – 234
Define underlined vocabulary
OYO 9.8
- Tue 1/24** Read pp. 234 – 236
OYO 9.9 9.10
Module 9 Study Guide 1-10
- Wed 1/25** Module 9 Study Guide 11- 21
- Thu 1/26** Summary
- Fri 1/27** **Module 9 test**
Lab preps Module 10
Exp 10.2 (take home banana and ivy leaf)

Week 18 (Class Date February 3, 2012)

- Mon 1/30** Read pp. 241- 245
Define underlined vocabulary
OYO 10.1 10.3
- Tue 1/31** Read pp. 245 – 249
Define underlined vocabulary
OYO 10.4
- Wed 2/1** Read pp. 250 -252
Define underlined vocabulary
OYO 10.5
- Thu 2/2** Read pp. 252 – 256
Define underlined vocabulary
OYO 10.6 10.7
- Fri 2/3** **Review Labs 10.2 and 10.3**
Complete Lab 10.4
Lab prep 10.1

Week 19 (Class Date February 10, 2012)

- Mon 2/6** Read pp. 256 – 261
Define underlined vocabulary
OYO 10.8 – 10.10
- Tue 2/7** Module 10 Study Guide 1-10
- Wed 2/8** Module 10 Study Guide 11-20
- Thu 2/9** Complete Module 10 Summary
- Fri 2/10** **Take Module 10 Test**

February 17th Teen Pact Break

Week 20 (Class Date February 24, 2012)

- Mon 2/20** Read pp. 265 - 271
Define underlined vocabulary
OYO 11.1 – 11.3
Begin Exp 11.1
- Tue 2/21** Read pp 271-273
Define underlined vocabulary
OYO 11.4
- Wed 2/22** Read pp. 273 – 279
OYO 11.5- 11.6
Begin 11.3 (we will pull band aids off in class)
- Thu 2/23** Read pp. 279 – 281
OYO 11.7
- Fri 2/24** **Bone Bingo**

Week 21 (Class Date March 2, 2012)

- Mon 2/27** Read pp. 281-288
Define underlined vocabulary
OYO 11.8 – 11.10
- Tue 2/28** Module 11 Study guide 1 – 11
- Wed 2/29** Module 11 Study guide 12- 23
- Thu 3/1** Complete Module 11 Summary
- Fri 3/2** **Take Module Test 11**
Exp 12.1

Week 22 (Class Date March 9, 2012)

- Mon 3/5** Read pp. 293- 295
Define underlined vocabulary
OYO 12.1 and 12.2
- Tue 3/7** Read pp. 296 – 301
Define underlined vocabulary
OYO 12.3 – 12.5
- Wed 3/7** Read pp.302 – 306
OYO 12.6 12.7
- Thu 3/8** Read pp. 306 -310
Define underlined vocabulary
OYO 12.8 12.9
- Fri** **Experiment 12.2**

Week 23 (Class Date March 16, 2012)

- Mon 3/12** Read pp 311-314
OYO 12.10
- Tue 3/13** Module 12 Study Guide 1-12
- Wed 3/14** Module 12 study guide 13-25
- Thu 3/15** Complete Module 12 summary
- Fri 3/16** **Take Module 12 Test**
Lab 13.1

Week 24 (Class Date March 23, 2012)

- Mon 3/19** Read pp. 319 – 322
Define underlined vocabulary
OYO 13.1 – 13.3
Lab prep 13.2
- Tue 3/20** Read pp. 323 – 326
OYO 13.4 – 13.5
Lab prep 13.3
- Wed 3/21** Read pp. 326 – 332
OYO 13.6 – 13.7
- Thu 3/22** Read pp. 332 – 336
OYO 13.8 13.9
- Fri 3/23 Experiments 13.2 and 13.3**

Week 25 (Class Date March 30, 2012)

- Mon 3/26** Read pp. 337 – 339
Define underlined vocabulary
OYO 13.10
- Tue 3/27** Module 13 Study guide (first half)
- Wed 3/28** Complete Module 13 Study guide
- Thu 3/29** Complete Module 13 Summary
- Fri 3/30 Take Module 13 test
Exp. 14.1 and 14.2**

April 6th Easter Break

Week 26 (Class Date April 13, 2012)

- Mon 4/9** Read pp.343-347
Define underlined vocabulary
OYO14.1 – 14.2
- Tue 4/10** Read pp. 347-351
OYO 14.3 -14.4
- Wed 4/11** Read pp. 352- 355
OYO 14.5 -14.6
- Thu 4/12** Read pp. 356-363
OYO 14.7 – 14.10
- Fri 4/13 Exp 14.3 and 14.4 and 14.5
Review Module 14**

Week 27 (Class Date April 20, 2012)

- Mon 4/16** Module 14 Study Guide 1-12
- Tue 4/17** Module 14 Study Guide 13- 24
- Wed 4/18** Complete Module 14 Summary
- Thu 4/19** Study for test
- Fri 4/20** **Take Module 14 test**
Exp 16.1 and 16.3

Week 28 (Class Date April 27, 2012) (highlights of Module 16)

- Mon 4/23** Read pp. 393- 398
OYO 16.3 – 16.4
Define CNS and PNS
- Tue 4/24** Read pp. 398-402
OYO 16.5 – 16.6
- Wed 4/25** Read pp. 403 – 409
OYO 16.7 -16.9
- Thu 4/26** Read pp. 409 – 413
OYO 16.10 and 16.11
- Fri 4/27** **Exp 16.4 and 16.5 in class**

MAY 4th GHEA Break

Week 29 (Class Date May 11, 2012)

- Mon 5/7** Read pp. 414-418
OYO 16.12
- Tue 5/8** Module 16 Study Guide 9-20
- Wed 5/9** Module 16 Study Guide 21-32
- Thu 5/10** Write down 5 review questions for class tomorrow
- Fri 5/11** **Review for final**

Week 30 (Class Date May 18, 2012)

Mon 5/14 Study for final

Tue 5/15 Study for final

Wed 5/16 Study for final

Thu 5/17 Study for final

Fri 5/18 Final Exam

Friday May 18th, 2012 Last Day of Class, End of Session