

General guidelines and information for Physical Science

Contact

Contact me by email if you need help with homework **BEFORE** the homework is due. If you arrive in class the day it is due without correcting it first, there will be a penalty for late work. I do my best to respond to all emails within 24 hours.

Parents,

You are responsible for **helping your students to correct** all homework assignments and for **recording the grades on the forms** in the assignment guide. I hold students to a high standard, and generally find that they will rise to the level of expectation they encounter. The answer key is yours, not your student's, and should not simply be given to your student at any time this year to correct his/her work if you have not first seen the answers given. Responsible students may correct OYO's completely on their own after the first module or two at your discretion, but you are still responsible for the final grade and for ensuring completion. You are still responsible for recording grades for these assignments and for certifying that they have been completed without the answer key and corrected only **after their first answers were seen by you**.

Homework Folders

I will hand these out the first week of class, and they will be used **to hand in all homework**. Parents must record the grades for each module on the sheets given in the assignment guide in the homework folder. Put homework in the pockets and note cards in the pencil cases/sandwich bag. I will look over work that is handed in and will check some work in detail, as needed.

Experiment Summary Forms

Print off the experiment summary forms at the beginning of the year and keep them in your notebook so they will be ready to use for in class experiments. **Not all experiments will be done in class. Those to be done at home are in bold type**, and **mandatory at-home experiments are highlighted in yellow**. Make sure you have all the materials you need ahead of time, as noted on your syllabus a week before they need to be done. **Hand in filled-in experiment summary forms with your homework**. Some summaries have special instructions, as noted on your assignment guide. Although I have listed when certain experiments will be completed on the assignment guide, these may be changed without notice for various reasons. Assume we could do module experiments at any time during that module. **Optional experiment summaries** are graded more "gently" and will usually get a 100 if all questions on the summary are answered reasonably well. Optional summaries will NEVER bring your grade down. Please note that the experiment summary forms are written in a landscape rather than portrait orientation, and some printers require that you set the orientation before printing. If you have problems printing them, please feel free to call or email me, and I will do my best to help you get them printed correctly.

Practice Tests

These are the tests in the answer key. Show your study guide and practice test answers to your parent. Discuss and correct using the answer key. **All** elements of underlined parts in the answer key should be included in the corrections. **IMPORTANT:** I should see both your original answer and your correction on ALL your homework. There is no penalty for mistakes if they are corrected *before* class. Do not use the answer key without parental input. **Definitions should be word-for-word, and the word should be written with the definition.** Hand in both the corrected study guide and the corrected practice test.

Vocabulary Words

Write down underlined vocabulary words (**word-for-word**) on note cards for flash card study. Write the word on one side and the definition on the other. Write all formulas on note cards to study. Put the module number and your name or initials in the upper right hand corner of each card (Example: Kookogey, 4). **Hand in all note cards.** You may order the pre-printed cards from Knowledge Box Central or print from quizlet and hand those in with the work from that module.

“On Your Own” Problems (OYO’s)

Students: check your OYO questions **immediately after** doing them. Correct if necessary. **Hand in corrected OYOs with your first answer still showing.** Many students prefer to correct answers in a different color so it is clear which answers are the corrections. Your grades should always be based on your corrected work.

Class Tests

Class tests will include material from written homework (mostly practice tests and study guides), but the questions will not be identical and the format may vary somewhat. Tests will be taken at home and supervised by parents after module 5 (before this they will be administered in class), and will take longer than in-class tests.

Late work

Late work during the semester will receive a significant penalty (**10 points per late assignment for the first offense, 20 points for the second offense, etc.**) on the completion grade for that module, which will continue to accrue until the work is handed in. **You are responsible for making sure homework is turned in on time,** so read the syllabus and check the checklists for each date before sending in the homework folder. All work from each semester **MUST** be turned in by the last day of semester.

Note-taking

Bring notebook paper to every class. Taking notes is required. Please check at least once each module.

Date Due	Assignment
Week 1	Review your weather information as we will discuss the first class. Think about 1-2 points that you learned most from this reading and this summer project to share with the class.
Class 8/26	WEATHER and summer assignments discussion. We will review factor label methods with work sheets and we will review metric conversions. If time allows, then we may begin Module 1.
Week 2 MODULE 1	Read pp. 1-6 (Gather materials for optional experiment 1.2)
	Read pp. 6-11 OYO 1.1, 1.2 Copy table 1.1 onto a note card
	Read pp. 11-17 OYO 1.3, 1.4, 1.5, 1.6, 1.7, 1.8 Copy tables 1.2 and 1.3 onto note cards
	Read pp. 16-20 Optional: experiment 1.2 OYO 1.9, 1.10
Class 9/2	Experiments: 1.1, 1.3
Week 3 MODULE 1	Take and grade Study Guide Create Note Cards (Gather materials for optional experiments 2.1 and 2.3)
	Take and grade the practice test.
	Correct the Practice Test. Study the practice test, study guide, and note cards.
Class 9/9	Test on Module 1; Discuss Module 2 Turn in: <ul style="list-style-type: none"> 🍏 Module 1 OYO questions – corrected by student 🍏 Module 1 Study Guide – corrected by student with parent's help 🍏 Module 1 Practice Test – corrected by student with parent's help 🍏 Note cards for module 1 (including tables 1.1, 1.2, 1.3) 🍏 Experiment summaries for experiments 1.1, 1.2 (opt), 1.3

I certify that all Module 1 homework was completed and that my student did not use the answer key without my presence. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. All experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: ____ /100; Practice Test: ____ /100 OYO: ____ /100; Notecards: ____ /100

Parent signature: _____

Week 4 MODULE 2	Read pp. 25-32 Optional: experiment 2.1 summary from class demonstration OYO 2.1, 2.2, 2.3, 2.4
	Read pp. 32-37 Optional: experiment 2.3 summary at home OYO 2.5, 2.6
	Read pp. 37-45 OYO 2.7, 2.8, 2.9, 2.10
	Read pp. 45-50 OYO 2.11 Begin study guide questions (SGQs)
Class 9/16	Experiment: 2.2 & 2.3 demonstration in class
Week 5 MODULE 2	Complete and grade study guide, Create Note Cards.
	Take and grade and correct the practice test
	Study the practice test, study guide, and note cards.
	Take Module 2 Take-Home Test
Class 9/23	Discuss Module 3 Turn in: <ul style="list-style-type: none"> 🍏 Module 2 OYO questions – corrected by student 🍏 Module 2 Study Guide – corrected by student with parent’s help 🍏 Module 2 Practice Test – corrected by student with parent’s help 🍏 Note cards for module 2 🍏 Experiment summaries for experiment 2.1 (opt), 2.2, 2.3 (opt)

I certify that all Module 2 homework was completed and that my student did not use the answer key without my presence. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ out of 100; **Practice Test:** _____ out of 100

OYO: _____ out of 100; **Note cards:** _____ out of 100

Parent signature: _____

Week 6 MODULE 3	Read pp. 55-60 OYO 3.1, 3.2
	Read pp. 60-66 Study figures 3.1 and 3.2 OYO 3.3, 3.4, 3.5, 3.6
	Read pp. 66-69 (bottom) OYO 3.7, 3.8
	Read pp. 69-76 OYO 3.9, 3.10, 3.11
Class 9/30	Experiments: 3.1, 3.2
Finish this up October 1 & 2 Fall Break October 7	Take and grade Study Guide (Gather materials for optional experiments 4.3, 4.4, and 4.6)
	Create Note Cards
	Take and grade the practice test.
	Take Module 3 Take-home test
LOOK at page 5 for the Fall Break week's work	Turn in Week 7: <ul style="list-style-type: none"> 🍏 Module 3 OYO questions – corrected by student 🍏 Module 3 Study Guide – corrected by student with parents' help 🍏 Module 3 Practice Test – corrected by student with parents' help 🍏 Module 3 Take-home Test 🍏 Note cards for module 3 🍏 Experiment summaries for experiments 3.1, 3.2

I certify that all Module 3 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 7 MODULE 4	Read pp. 81-86 OYO 4.1, 4.2, 4.3, 4.4
	Read pp. 86-90 OYO 4.5, 4.6, 4.7
	Read pp. 90-95 Optional: experiment 4.3 OYO 4.8, 4.9
	Read pp. 95-100 Optional: experiment 4.4 Optional: experiment 4.6 OYO 4.10, 4.11, 4.12
Class 10/14 & 10/21	Discuss Module 4 /Experiments: 4.1, 4.5
Week 8 MODULE 4	Gather materials for experiments 5.1 and 5.2
	Take and grade Study Guide Create Note Cards
	Take and grade the practice test.
	Take Module 4 Take-home Test
Class 10/28	Discuss Module 5, start experiment: 5.3 Turn in: <ul style="list-style-type: none"> 🍏 Module 4 OYO questions – corrected by student 🍏 Module 4 Study Guide – corrected by student with parents' help 🍏 Module 4 Practice Test – corrected by student with parents' help 🍏 Module 4 Take-home Test 🍏 Experiment summaries for experiments 4.1, 4.2 (opt), 4.3 (opt), 4.4 (opt), 4.5, 4.6 (opt), 🍏 Note cards from module 4

I certify that all Module 4 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 9 MODULE 5	Read pp. 105-111 (top) Hydrologic Cycle handouts P. 107 – Write the 3 facts about water on note cards for study At Home Experiment 5.1
	Read pp. 111-116 OYO 5.1, 5.2, 5.3, 5.4, 5.5, 5.6
	Read pp. 116-122 At Home Experiment 5.2 OYO 5.7, 5.8, 5.9
	Read pp. 122-127 OYO 5.10
Class 11/4	Experiment: 5.3, module 5 review sheet
Week 10 MODULE 5	Take and grade Study Guide Create Note Cards. Gather materials for experiment 6.1
	Take and grade the Practice Test.
	Take the module 5 take-home test.
Class 11/11	Discuss Module 6, start experiments 6.2, (6.3), 6.4 Turn in: <ul style="list-style-type: none"> 🍏 Module 5 OYO questions – corrected by student 🍏 Module 5 Study Guide – corrected by student with parents' help 🍏 Module 5 Practice Test – corrected by student with parents' help 🍏 Module 5 Take-home test 🍏 Note cards for module 5 (including facts about water) 🍏 Experiment summaries for experiments 5.1, 5.2, 5.3

I certify that all Module 5 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 11 MODULE 6	Read pp. 131-138 At Home Experiment 6.1 OYO 6.1, 6.2, 6.3
	Read pp. 138 – 144 Optional: Experiment 6.3 OYO 6.4, 6.5
	Read pp. 144 – 148 OYO 6.6, 6.7
	Read pp. 147 – 152 OYO 6.8, 6.9, 6.10
Class 11/18	Experiments: 6.2 – (no summary due for this demonstration), (6.3), 6.4
Week 12 MODULE 6 THANKSGIVING BREAK! NO CLASS WEEK of 11/23	Take and grade Study Guide Create Note Cards
	Take and grade the Practice Test.
	Take the module 6 take-home test.
Class 12/2	Discuss Module 9, start experiments: 9.1, 9.2, 9.3 Turn in: <ul style="list-style-type: none"> 🍏 Module 6 OYO questions – corrected by student 🍏 Module 6 Study Guide – corrected by student with parents' help 🍏 Module 6 Practice Test – corrected by student with parents' help 🍏 Module 6 Take-home test 🍏 Note cards for module 6 🍏 Experiment summaries for experiments 6.1, 6.3 (opt), 6.4

I certify that all Module 6 homework was completed and that my student did not use the answer key without. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 13 MODULE 9	Read pp. 203-208 (Gather materials for optional experiment 9.3: stopwatch, tape measure, ball or rock) OYO 9.1, 9.2, 9.3
	Read pp. 208-212 OYO 9.4, 9.5
	Read pp. 212-218 OYO 9.6, 9.7, 9.8
	Read pp. 218-223 Optional: experiment 9.3 OYO 9.9, 9.10
Class 12/9	Experiments: 9.1, 9.2, module 9 review sheet
Week 14 MODULE 9	Take and grade Study Guide Create Note Cards Gather materials for optional experiments 10.3 REMINDER: all work with a number for an answer MUST include the math required to get that answer as well as the unit. All corrections also must show corrected math. This is true for the study guide, practice test, OYO, test, etc.
	Take and grade the Practice Test.
	Take the module 9 take-home test.
Turn in this work over the next week prior to Christmas	<ul style="list-style-type: none"> 🍏 Module 9 OYO questions – corrected by student 🍏 Module 9 Study Guide – corrected by student with parents' help 🍏 Module 9 Practice Test – corrected by student with parents' help 🍏 Module 9 Take-home test 🍏 Note cards for module 9 🍏 Experiment summaries for experiments 9.1, 9.2, 9.3 (opt) 🍏 Last day to turn in first semester work. <p>Have a wonderful Christmas!</p>

I certify that all module 9 homework was completed by December 17, 2019, at 8:00 PM, and that my student did not use the answer key without my presence. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ out of 100; **Practice Test:** _____ out of 100

OYO: _____ out of 100; **Note cards:** _____ out of 100

Parent signature: _____

Class 1/13	Discuss Module 10 Experiments: 10.1A, 10.1B, 10.2, (10.3), (10.4):
Week 15 MODULE 10	Read pp.229-234 OYO none; Find and write note cards for Newton’s Laws of Motion
	Read pp. 235-240 Optional: experiment 10.3 (no summary – just a signed note from parent if you do it) OYO 10.1, 10.2, 10.3, 10.4, 10.5
	Read pp. 240-246
	Read pp. 246-249 Optional: experiment 10.4 OYO 10.6, 10.7, 10.8, 10.9, 10.10
Week 16 Class 1/20	Review sheet Module 10
	Take and grade Study Guide Create Note Cards
	Take and grade the Practice Test.
	Take the module 10 take-home test.
Week 17 Class 1/27	Discuss Module 11, start experiments: 11.1, 11.2, 11.3 Turn in: <ul style="list-style-type: none"> 🍏 Module 10 OYO questions – corrected by student 🍏 Module 10 Study Guide – corrected by student with parents’ help 🍏 Module 10 Practice Test – corrected by student with parents’ help 🍏 Module 10 Take-home test 🍏 Note cards for module 10, including Newton’s Laws 🍏 Experiment summaries for experiments 10.1A and B, 10.2, 10.4 (opt)

I certify that all Module 10 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)
NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 18 MODULE 11	Read pp. 255-259 Write principles of Universal Law of Gravity on note cards OYO 11.1, 11.2
	Read pp. 260-265 Write principles of centripetal force on note cards OYO 11.3, 11.4
	Read pp. 265-272 OYO 11.5, 11.6, 11.7, 11.8
	Read pp. 272-280 OYO 11.9, 11.10
Class 2/3	Experiments: 11.1, 11.2, 11.3, module 11 review sheet
Week 19 MODULE 11	Take and grade Study Guide Create Note Cards Gather materials for optional experiment 12.3
	Take and grade the Practice Test.
	Take the module 11 take-home test.
Class 2/10	Discuss Module 12, start experiments 12.1, 12.2 Turn in: <ul style="list-style-type: none"> 🍏 Module 11 OYO questions – corrected by student 🍏 Module 11 Study Guide – corrected by student with parents' help 🍏 Module 11 Practice Test – corrected by student with parents' help 🍏 Module 11 Take-home test 🍏 Note cards for module 11 (incl. extra ones) 🍏 Experiment summaries for experiments 11.1, 11.2, 11.3

I certify that all Module 11 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ out of 100; **Practice Test:** _____ out of 100

OYO: _____ out of 100; **Note cards:** _____ out of 100

Parent signature: _____

Week 20 MODULE 12	Read pp. 285 – 291 Write bold statements (p. 289) on note cards to study OYO 12.1, 12.2, 12.3
	Read pp. 291-299 OYO 12.4, 12.5
	Read pp. 299 – 304 Optional: experiment 12.3 (be careful – this can get very hot!) OYO 12.6, 12.7
	Read pp. 308-308 OYO 12.8, 12.9, 12.10
Class 2/17	Experiments: 12.1, 12.2, module 12 review sheet
Week 21 MODULE 12	Take and grade Study Guide Create Note Cards
	Take and grade the Practice Test.
	Take the module 12 take-home test.
Class 2/24	Discuss Module 13 Turn in: <ul style="list-style-type: none"> 🍏 Module 12 OYO questions – corrected by student 🍏 Module 12 Study Guide – corrected by student with parents' help 🍏 Module 12 Practice Test – corrected by student with parents' help 🍏 Module 12 Take-home test 🍏 Experiment summaries for experiments 12.1, 12.2, 12.3 (opt) 🍏 Note cards for module 12 (incl. extra ones)

I certify that all Module 12 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 22 MODULE 13	Read pp. 313-320 OYO 13.1, 13.2, 13.3
	Read pp. 320-325 OYO 13.4, 13.5
	Read pp. 325-329 OYO 13.6, 13.7, 13.8
	Read pp. 330-336 OYO 13.9, 13.10
Class 3/3	Module 13 review sheet
Week 23 MODULE 13 SPRING BREAK 3/10	Take and grade Study Guide Create Note Cards Gather materials for optional experiment 14.3
	Take and grade the correct Practice Test.
	Take the module 13 take-home test Complete Chernobyl / Periodic Table Paragraph
Class 3/17	Discuss Module 14, start experiments: 14.1, 14.2 (modified), (14.3), 14.5 Turn in: <ul style="list-style-type: none"> 🍏 Module 13 OYO questions – corrected by student 🍏 Module 13 Study Guide – corrected by student with parents' help 🍏 Module 13 Practice Test – corrected by student with parents' help 🍏 Module 13 Take-home test 🍏 Note cards for module 13 🍏 Chernobyl / Periodic Table Paragraph

I certify that all Module 13 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ out of 100; **Practice Test:** _____ out of 100

OYO: _____ out of 100; **Note cards:** _____ out of 100

Parent signature: _____

Week 24 MODULE 14	Read pp. 341-347 OYO 14.1, 14.2
	Read pp. 347-353 Optional: experiment 14.3 at home (we will do this in class, too) OYO 14.3, 14.4, 14.5, 14.6
	Read pp. 353-357 Read Experiment 14.4 OYO 14.7, 14.8, 14.9,
	Read pp. 357-362 Optional: experiment 14.5 OYO 14.10
Class 3/24	Experiments: 14.1, 14.2 (modified – no summary due), 14.3, (14.5)
Week 25 MODULE 14	Take and grade Study Guide Create Note Cards Gather materials for optional experiments 15.1
	Take and grade the correct Practice Test.
	Take the module 14 take-home test; Enjoy your break!
Class 3/31	Discuss Module 15, start experiments: 15.1, (15.2), (15.3), 15.4, 15.5 Turn in: <ul style="list-style-type: none"> 🍏 Module 14 OYO questions – corrected by student 🍏 Module 14 Study Guide – corrected by student with parents' help 🍏 Module 14 Practice Test – corrected by student with parents' help 🍏 Module 14 Take-home test 🍏 Note cards for module 14 🍏 Experiment summaries for experiments 14.1, 14.3, 14.5 (opt)

I certify that all Module 14 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)
NOTE: ALL math work must be shown (not just answers) on ALL math questions – including in corrections.

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 26 MODULE 15	Read pp. 367 – 374 Optional: experiment 15.1 at home (we will do this in class, too) OYO 15.1, 15.2, 15.3, 15.4
	Read pp. 374--380 (Optional: experiments 15.2 and 15.3 OYO 15.5
	Read pp. 380-385 OYO 15.6, 15.7, 15.8
	Read pp. 385-392 OYO 15.9, 15.10
Class 4/7	Experiments: 15.1, (15.2), (15.3), 15.4, 15.5
Week 27 MODULE 15	Take and grade Study Guide Create Note Cards
	Take, grade, and correct the Practice Test.
	Take the module 15 take-home test
Class 4/14	Discuss Module 16 – Bring note cards to class; start experiment 16.1 Turn in: <ul style="list-style-type: none"> 🍏 Module 15 OYO questions – corrected by student 🍏 Module 15 Study Guide – corrected by student with parents’ help 🍏 Module 15 Practice Test – corrected by student with parents’ help 🍏 Module 15 Take-home test 🍏 Note cards for module 15 🍏 Experiment summaries for experiments 15.1, 15.2 (opt), 15.3 (opt), 15.4, 15.5

I certify that all Module 15 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not on the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 28 MODULE 16	Read pp. 397-401 (Answer Study Guide Question (SGQ) # 2-4) OYO 16.1, 16.2
	Read pp. 401 – 404 (Answer SGQ # 1A-1C, 5-10) OYO 16.3, 16.4
	Read pp. 404- 411 (Answer SGQ #1D-1E, 11-18) OYO 16.5, 16.6, 16.7, 16.8,
	Read pp. 411-418 (Answer SGQ #1F-1G, 19-25) OYO 16.9, 16.10, 16.11
Class 4/21	Experiment: 16.1 (no summary due)
Week 29 MODULE 16	Take and grade Study Guide Create Note Cards
	Take and grade the correct Practice Test.
	Take the module 16 take-home test
Class 4/28	Start TOPS experiments: Analysis 5 & 6 Turn in: <ul style="list-style-type: none"> 🍏 Module 16 OYO questions – corrected by student 🍏 Module 16 Study Guide – corrected by student with parents’ help 🍏 Module 16 Practice Test – corrected by student with parents’ help 🍏 Module 16 Take-home test 🍏 Note cards for module 16

I certify that all Module 16 homework was completed and that my student did not use the answer key. I helped my student correct all questions on the study guide and practice test, and verified that OYO work was done and corrected. Note cards are completely written and are word-for-word as in the answer key. The take-home test was completed without outside help and all experiment summaries have been completed and handed in.

Grades: (these grades are based on the corrected assignments, not the first attempts)

Study guide: _____ **out of 100;** **Practice Test:** _____ **out of 100**

OYO: _____ **out of 100;** **Note cards:** _____ **out of 100**

Parent signature: _____

Week 30 TOPS	Correct TOPS handouts for Analysis 5 with parent
	Correct TOPS handouts for Analysis 6 with parent
	Review old module test questions from first semester
	Review old module test questions from first semester
Class 5/4	TOPS Analysis 7 and 8
	Correct TOPS handouts for Analysis 7 with parent
	Correct TOPS handouts for Analysis 8 with parent
	Review old module test questions from second semester.
	Review old module test questions from second semester.
	Turn in: <ul style="list-style-type: none"> 🍏 TOPS experiment write-ups and handouts for Analysis 5, 6, 7, 8 🍏 Make sure all finished TOPS pages are checked and corrected with adult 🍏 Last day to turn in second semester work.

I certify that I helped my student correct and finish all TOPS experiment summaries using the TOPS answer key. We discussed the concepts in the guide and made sure all the questions on every sheet were answered, and every illustration looked like the ones in the answer key. We attached extra pages where necessary to finish corrections. I understand that some of these experiments may have been excused because of time, and which ones were excused will have been noted in an email to me.

Grades: (these grades are based on the corrected assignments, not the first attempts)

NOTE: TOPS Analysis = TA

TA 5: _____ out of 100

TA 6: _____ out of 100

TA 7: _____ out of 100

TA 8: _____ out of 100

We have covered and mastered an enormous amount of information. You should be proud of yourself! I hope you have learned how to organize a challenging class into bite-size pieces, and have acquired a genuine enjoyment of science as well. It has been a pleasure to have you in my class. Have a terrific summer!

Mrs. Kookogey

Parent signature: _____