



Name: _____

Fundamentals of Chemistry & Physics: **Week 3 HOMEWORK CHECKLIST**

ALL GRADES

Due on September 12th

Checklist must be signed by a parent to confirm that the homework was completed throughout the week to receive homework credit. Ten points will be taken off if the homework is checked off but is missing a signature.

_____ (10 points) **Reading Lesson 3: There is a Method to This Scientific Madness!** (**CORRECTION:** The section titled “Step 3: Conduct Background Research” has a correction slip attached to the reading lesson. I was trying to figure out how to word this section and forgot to go back and finish it before I sent it to the printer. The corrected wording is attached for this paragraph. The audio recording will be correct.)

The reading lesson was handed out in class and should be in the front of your binder. Read the lesson or listen to the audio version posted on the class webpage as you read along and take notes.

The lessons are designed to encourage note taking skills as you read. It is not required for 3rd & 4th grades, but it is encouraged to begin practicing note taking skills by neatly highlighting or underlining the main points in the lesson as you are reading. This is a study skill that will help you connect with what you are reading, become an independent learner, and help you to retain the information. 5th & 6th graders should make this a weekly habit. (It might be a good idea to break the reading up into two days for the younger grades).

_____ (10 points) **Recall & Connect Questions (To be turned in for grading)**

After reading lesson 3, take out page 17 of your reading lesson and answer the questions based on what you've read. It is acceptable for third graders (or others who need the help) to dictate their answers to a parent and have the parent write it down for them. Please keep it in their own words and have them try to write a key word or two to work towards independence. You will turn this in on September 12th, along with this completed homework checklist. **FOR QUESTION 5: The fortune teller fish is in the lab kit given in class**

(Reminder on Extra credit option from last week...) If you have chosen to earn extra credit by memorizing the metric prefixes and their values, I will check the memorization on September 12th at the beginning of class by giving you a table to fill in with the answers.

_____ (10 points) **For Reinforcement and Review—The Scientific Method & Controlling Variables**

After you have read lesson 3, watch the following videos to reinforce and review what you have learned:

The Steps of the Scientific Method for Kids (FreeSchool): <https://www.youtube.com/watch?v=qAJ8IF4HI20>

Variables in Science (BioManBiology): <https://www.youtube.com/watch?v=J9kCgWAuB0Y>

_____ (5 points) **Finish Flooded Money Lab if needed**

If you did not get your lab sheet completed in class, please do so now.

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_____ (10 points) **Practicing the Scientific Method Skittles Lab (FOR A LAB GRADE)**

You were given a lab kit in class containing a package of skittles and two sugar cubes. I did not include marked plastic cups in the lab kit. Just use two plastic or clear glasses from home and make sure that you are putting the same amount of water in each glass. **The skittles lab is located on page 18 of your lab notebook. Page 19 is reserved for you to record your observations and answer questions from the lab sheet.** Follow the lab in the order it is written, beginning with dropping the sugar cube in water. The mini packets of Skittles do not list the ingredients, so I will post a picture of the ingredients on the class webpage so that you can answer question 3. 5th & 6th grade must answer the questions in the “repeated testing/trials” section, 3rd&4th do not have to, but it is encouraged. If the times do not work for your data on the graph, cross out the numbers and adjust, keeping it in seconds.

_____ (5 points) **Lab Notebook—Tools of Measurement and Observation**

You were given some cutouts in an envelope in class to start two scientific tools pages in your lab notebook. We will be adding tools to these two pages as you use them in class. Glue the “Tools of Observation” title to the top of page 6 and the “Tools of Measurement” title to the top of page 7. Glue the digital scale and the ruler pieces onto the tools of measurement page (pg. 7) Remember to be neat with your gluing! Please return the envelope so that I can reuse them when I give you smaller pieces to glue into your lab notebook. You will get a treat for returning the envelope next week!

_____ (5 points) **Weekly Housekeeping!**

_____ **Organize your binder & Check your supplies:**

- File returned checklist (with the red checkmarks) behind your homework checklist tab
- File your returned student expectations & procedures behind the “other” tab
- Keep new homework checklist in front of binder as you work on it through week
- When finished with reading lesson, file it in order of page numbers behind the reading lessons tab. Remember, this is your textbook for the school year, so please keep these pages.
- When you have completed the recall and connect questions, put them in the front of your binder along with your current checklist so that they can easily be turned in at same time
- Make sure you have glue sticks, sharpened pencils, colored markers/PaperMate flair pens or gel pens that do not bleed, and that you have your lab notebook packed in your backpack.

_____ **PARENT HOMEWORK...** Please make sure you have checked the website for this week’s science information and that you have signed this checklist.

Parent Signature: _____

Homework Completion Grade _____/55 points