



Name: _____

Fundamentals of Chemistry & Physics: **Week 2 HOMEWORK CHECKLIST**

ALL GRADES

Due on September 5th

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 2: Describing & Measuring Observations**

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 2, take out page 11 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 5th, along with this completed homework checklist. **FOR QUESTION 5: 3rd & 4th graders need to list 3 qualitative observations and 1 quantitative observation. 5th & 6th graders need to list 6 qualitative observations and at least 2 quantitative observations, but more is better if you have the tools for measurement.**

(EXTRA CREDIT OPTION) An extra credit opportunity is listed on the bottom of page 12 of the recall & connect questions for lesson 2. This is optional. If you choose to do this assignment, you have two weeks to work on the memorization of the metric system prefixes. I will check the memorization on September 12th at the beginning of class by giving you a table to fill in with the answers. The link for the memorization song will be posted on the class webpage for easy access. **Metric System for Kids Explained Through Song:** <https://www.youtube.com/watch?v=h6vca9PnlyI>

_____ **(10 points) Finish Colored Candies Lab (FOR A LAB GRADE)**

The colored candies lab is located on **pages 8-13 of your lab notebook.** If these pages are not glued in yet, in order of their question numbers, please do so now. We did this lab together in class, but if there are parts you were not able to get filled in OR still need to finish collecting the data, please make sure it is completed this week. It will be graded whenever I collect lab notebooks for a lab notebook check, so make sure you are keeping your lab notebook up to date weekly. If you already completed the lab in class to the best of your ability then go ahead and check this item off!

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_____ **(20 points) For Reinforcement and Review—Describing & Measuring Observations**

After you have read lesson 2, watch the following video to reinforce and review what you have learned:

Qualitative and Quantitative Data (MooMooScience): <https://www.youtube.com/watch?v=dwFsRZv4oHA&t=1s>

Qualitative vs. Quantitative Cheer (Science4us): <https://www.youtube.com/watch?v=-S2EiPD4-W0> (this is a silly little video, but I bet you will remember the differences after watching it! Might be good to watch it a few times.)

Units of Measurement (Dr. Binocs): <https://www.youtube.com/watch?v=AVC-426M6V0>

Pirates Plunder the Kilogram (NISTory): <https://www.youtube.com/watch?v=WoUBpPbv0zs&t=1s>

_____ **(10 points) Weekly Housekeeping!**

_____ **Organize your binder & Check your supplies:** The homework checklist that you will be working on throughout the week stays at in the very front of your binder. Also keep the finished recall and connect questions in the front of your binder. This way it is easy to find when you turn it in each week. Homework checklists that have been checked and returned by me will have a red checkmark in the top right corner on the front and by the parent signature. The returned checklists will be filed behind the homework checklist tab. You do not have one of those to file this week, but will next week. Reading lessons are to be filed behind the reading lesson tab after reading them each week. Keep these. Now is a good time to make sure you have glue sticks, your pencils are sharpened, you have colored markers or gel pens that do not bleed, and you have your lab notebook packed in your backpack.

_____ **PARENT HOMEWORK...** I am breaking up the beginning-of-the-year parent information that I need to communicate to you for the year into smaller chunks and putting it in the “Important Parent Notes” section in my weekly science class post on the website. It is extremely important that you check the class webpage each week because this is how I communicate with you as a group. The website is sharetutorial.org. Go to the homework section and click on the 3rd-6th science tab. *I will have the summary posted by 10 a.m. the Wednesday following class.* **If you keep your computer on with the SHARE website pulled up, it is important to refresh the page occasionally or you may miss an added posting.** Once again, your parent homework is to show me you have checked the website by writing down the mystery word that is hidden within the parent notes. This will not be a part of the homework checklist each week, but it is still something that you need to be in the habit of weekly!

Mystery word: _____

Parent Signature: _____

Homework Completion Grade _____/60 points