



Name: \_\_\_\_\_

## Fundamentals of Chemistry & Physics: **Week 4 HOMEWORK CHECKLIST**

ALL GRADES

*Due on September 19th*

**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 4: What is Matter and How Do You Measure It?

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 4, take out page 23 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 19th, along with this completed homework checklist.

### \_\_\_\_\_ (15 points) For Reinforcement and Review—Chemistry and Matter

After you have read lesson 4, watch the following video to reinforce and review what you have learned:

**What is Chemistry?(FreeAnimatedEducation):** <https://www.youtube.com/watch?v=t8x3wdXZGEY&t=104s>

**What is Matter and Its Properties (FunWorldForKids):** <https://www.youtube.com/watch?v=Tu6JAjmPXyQ>

**Mass, Volume, Density Song (Hopscotch):** <https://www.youtube.com/watch?v=SYsfIJxCbQg>

### \_\_\_\_\_ (10 points) Scientist in the Spotlight: Archimedes (Separate grading with lab notebook check)

Throughout the school year we will study scientists from history that have had a great impact on the science branches of chemistry and physics. This week you will learn more about an ancient Greek scientist and inventor named Archimedes. After reading about Archimedes in the reading lesson, do a little research to find out more about his life and contributions to science. Record what you have learned on page 23 of your lab notebook. A title and picture

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of Archimedes has been provided for you. Add Archimedes name to the title. 3rd & 4th graders need to include where he lived, what time period he lived in, and one additional interesting fact or invention not mentioned in the lesson. Same requirements

for 5th & 6th graders, BUT they need to have at least two additional facts or inventions. A list of resources is provided on the class webpage to help in your research. Choose one or two of these resources to get your information. **We will be sharing this page in class next week so be prepared to tell the most interesting thing you learned.** Adding additional sketches or printouts to the page is encouraged to make it fun and interesting.

\_\_\_\_\_ **(5 points) Start Studying for Test which covers lessons 1-3**

Spend at least 10 minutes studying for an upcoming test that will cover the basics of science from lessons 1-3. The test will be sent home next week as a take-home test that must be proctored and signed. Review your returned recall and connect questions AND/OR study using a link to a study aid game that will be posted on Friday as a fun way to practice.

\_\_\_\_\_ **(5 points) Catch up on lab work if absent or behind**

If you have been absent or are behind with any of the labs or homework, please use part of this week to catch up on the things that will be graded separately (as mentioned on the checklists in red).

\_\_\_\_\_ **(5 points) Weekly Housekeeping!** *(I will list how to organize papers for another week or so until everyone gets the hang of it)*

\_\_\_\_\_ **Organize your binder & Check your supplies:**

- File returned checklist (with the red checkmarks) behind your homework checklist tab
- File the returned recall and connect questions behind the homework checklist tab
- Keep new homework checklist in front of binder as you work on it throughout 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 this week's 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 \_\_\_\_\_/60 points