



Name: _____

Fundamentals of Chemistry & Physics: **Week 6 HOMEWORK CHECKLIST**

ALL GRADES

Due on October 3rd

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) Study for and take the Lesson 1-3 Test

Preparing for the test: You have had several weeks to study the first three lessons that cover the basics of how “to do” science. This is not a long test, nor a hard test, as long as you have spent some time reviewing. A jeopardy-style/flashcards game is posted on the website to use as a study guide. I will also add a pdf of the questions used in the game if you would rather study that way. **In general, be familiar with:** most bolded terms in these three lessons, what science is, the nature of science and what worldview we use to approach our study, the basic process skills from lesson one, the differences between qualitative and quantitative observations, and the basics of the scientific method. Basically, know what is asked in the review game questions. Third graders will not be asked questions about variables although any of the material is fair game for extra credit questions.

TEST TAKING INSTRUCTIONS (Please read all instructions): The test was given to you in an envelope with your name on it and should be in the front pocket of your binder. After you study and are prepared to take the test, untape the envelope and set it aside to put the test back in when finished. You may not use your reading lesson or notes of any kind AND the test must be proctored AND signed by a parent or guardian. Proctoring means that they are in the room overseeing you as you take the test. **The test will NOT be accepted if it is not signed at the top of the page that it was proctored!** If needed, parents may read the questions and the answer options, but they may not give you the answers or hints. When completed, return the test to the envelope, remove the sticker, and seal it shut. Put back in your binder to turn in next week (Oct. 3rd).

_____ (10 points) Reading Lesson 6: MORE Physical Properties of Matter?!?!?

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 6, take out pages 35&36 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 October 3rd, along with the checklist. **(INSTRUCTIONS CONTINUE ON THE BACK SIDE OF THIS PAGE...)**

Name: _____

Fundamentals of Chemistry & Physics: **Week 6 HOMEWORK CHECKLIST**

ALL GRADES

Due on October 3rd

- **FOR QUESTION #2...Use page 29 of your lab notebook to record your observations**
- **FOR QUESTION #3...How Do Submarines Work? (SciShowKids): <https://www.youtube.com/watch?v=c3W937dORLI&t=2s>**

_____ **(15 points) For Reinforcement and Review—More Physical Properties**

After you have read lesson 6, watch the following videos to reinforce and review what you have learned about physical properties of matter:

_____ **Properties of Matter (Miacademy): <https://www.youtube.com/watch?v=25Dysq8sPJw>**

(Only watch up until the 6:00 mark! We will watch the rest of this video next week when we discuss chemical properties of matter)

_____ **Buoyancy-What Makes Something Float or Sink (KidsWanttoKnow): <https://www.youtube.com/watch?v=khc2wUBsFU4>** (Note: there is a brief drawing of the bare backside of an excited Archimedes running through the street)

_____ **Mass, Volume, Density Song (Hopscotch): <https://www.youtube.com/watch?v=SYsflJxCbQg>** (Yes, please watch this again! It is very valuable information in an easy and catchy way, especially since lesson 6 covers how to calculate density, which is in the song).

_____ **(5 points) Make Sure Your Lab Notebooks Are Up to Date!**

I will be collecting lab notebooks next week for grading over the fall break. This is when I will grade how well you have followed your lab notebook guidelines AND grade your lab work. IF you have had absences and missed in-class labs, you will not be counted off for those labs. BUT, if you were not absent, make sure all the questions are answered!

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

_____ Please continue to file your graded papers when you get home behind their proper tab, keeping your current homework checklist in the front of your binder, along with any other completed homework that will be turned in for grading.

_____ **Make sure your completed test is sealed and signed in the envelope and put in the front pocket of your binder, ready to turn in.**

_____ Check your supplies: make sure you have your lab notebook, your pencils are sharpened, your glue sticks are full, and your colored pens are packed.

_____ Parents please continue to read the weekly summary and parent notes each week on the website. AND sign the checklist letting me know the work was completed at home.

Parent Signature: _____

Homework Completion Grade _____/55 points