



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

Fundamentals of Chemistry & Physics: **Week 27 HOMEWORK CHECKLIST**

ALL GRADES

*Due on April 23rd*

**\*\*\*\*\*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.**

**This is your last checklist for the year!!! Yay!**

\_\_\_\_\_ **(10 points) Reading Lesson 22: Picking Up Good Vibrations With Sound Energy**

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.

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

After reading lesson 22, take out page 131-132 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 April 23rd along with this completed homework checklist. **Special instructions: 3rd graders are to answer 6 out of the 18 questions, 4th graders are to answer 9 out of the 18 questions, 5th graders are to answer 13 out of the 18 questions, and 6th graders are to answer all 18 questions.**

\_\_\_\_\_ **(15 points) For Reinforcement and Review—Sound Energy**

Read lesson 22, then watch the following videos to reinforce and review what you have learned:

**Exploring Sound Energy (Miacademy):** [https://www.youtube.com/watch?v=2ccPrhWgu\\_M](https://www.youtube.com/watch?v=2ccPrhWgu_M)

**Sound Waves (Miacademy):** <https://www.youtube.com/watch?v=JdUII9GIXsl&t=68s>

**Sound (StudyJams):** <https://studyjams.scholastic.com/studyjams/jams/science/energy-light-sound/sound.htm>

**(Optional but highly recommended if you have time) How Your Ears Work (NemoursKidsHealth):** <https://www.youtube.com/watch?v=HMxOHKwWmU8>

\_\_\_\_\_ **(10 points) Scientist in the Spotlight—Alexander Graham Bell (For a Grade)**

On page 115 of your lab notebook, you should find a scientist in the spotlight fill-in worksheet on Alexander Graham Bell that was glued in during class. Watch the following video and fill in the answers

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as you watch. **Biography of Alexander Graham Bell for Children (FreeSchool):** <https://www.youtube.com/watch?v=JsRt5lBdBfE>

\_\_\_\_ (20 points) **Quarter 4 Test**

\_\_\_\_ **Study for your test.** The test covers the basics of the five forms of energy that we have been learning using the MELTS acronym. Refer to lab notebook pages 80-115 for study, specifically the MELTS fill-in notes on pages 81, 92, 102, 108, and 112, as well as the vocabulary on pages 103 & 111. Also be familiar with the work of Tesla, Edison, Franklin, and Bell as it relates to energy. We have started class the past several weeks with a review of the previous weeks material so you should do well if you have paid attention! You can also study using the flashcards or Jeopardy-style review game with the Factile link posted on the class webpage. A pdf of the Factile questions will also be posted.

\_\_\_\_ **Take the Quarter 4 Test.** After taking the time to study, take your Quarter 4 test out of the envelope and set the envelope aside. Have a parent proctor (watch you) while you take your test. **HAVING YOUR TEST PROCTORED IS REQUIRED AND THEY MUST SIGN YOUR TEST FOR IT TO BE ACCEPTED.** You are not allowed to use notes or reading lessons for this test. There is an extra credit section that does not count against you if you get an answer wrong so don't skip over this section! When you have completed the test AND your parent has signed it, put it back in the envelope and seal it shut with the adhesive strip. Put it in your binder so it is ready to turn in next week which is our last class. **DON'T FORGET TO BRING IN YOUR TEST!!! I NEED THESE TO COMPLETE REPORT CARDS!**

\_\_\_\_ (5 points) **Wrapping Up the Semester**

Make sure your current checklist **is signed** and in the front of your binder ready to turn in. Go through your binder and lab notebook to make sure you have all your work completed and turned in. Look for any checklists or questions that have not been graded. Make sure you have the following completed in your lab notebook. They will be turned in for grading on the 23rd.

**Parent Signature:** \_\_\_\_\_

Homework Completion Grade \_\_\_\_\_/70 points