



Name: _____

Fundamentals of Chemistry & Physics: **Week 23 HOMEWORK CHECKLIST**

ALL GRADES

Due on March 26th

*******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 18: Go With the FLOW of Electrical 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. I HIGHLY RECOMMEND THAT THE READING LESSONS BE SPLIT INTO TWO SESSIONS IF POSSIBLE SO THE INFORMATION IS BETTER RETAINED.

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

After reading lesson 18, take out page 107/108 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 March 26th along with this completed homework checklist. **Special instructions: 3rd graders are to answer 4 of the statements on question #4 PLUS choose 4 more questions to answer, 4th graders are to answer 5 of the statements on question #4 PLUS choose 6 more questions to answer, 5th graders are to answer 12 of the 15 questions, including question #4, and 6th graders are to answer all 15 questions.**

_____ **(10 points) For Reinforcement and Review—Electrical Energy**

Read lesson 18, then watch the following videos to reinforce and review what you have learned.
Exploring Electrical Energy (Miacademy): <https://www.youtube.com/watch?v=NzSzbbeQ5bw>
Electricity (StudyJams): <https://studyjams.scholastic.com/studyjams/jams/science/energy-light-sound/electricity.htm>

_____ **(5 points) Staying Safe Around Electricity**

Information about staying safe around electricity was added to your lab notebook on page 93. Please read this page to learn ways to keep yourself safe and to understand the reasoning behind warnings that you have likely heard from your parents. Read this with your parents if they are available.

Name: _____

Fundamentals of Chemistry & Physics: **Week 23 HOMEWORK CHECKLIST**

ALL GRADES

Due on March 26th

____ (10 points) **Scientist in the Spotlight-Benjamin Franklin (FOR A GRADE)**

Watch the video on Benjamin Franklin as an inventor. Using the clipart handed out in class, create a scientist in the spotlight page about Benjamin Franklin on pages 96 & 97 of your lab notebook, being sure to include facts about his experiments with electricity and the invention of the lightning rod. The clipart page includes a picture of a Leyden jar which was used (not invented) by Franklin in his experiments. 5th and 6th graders need to use the weblink to find out what a Leyden jar is and include that information on your page. Think about what you have learned about conductors and insulators when looking at the materials used to make a Leyden jar. 3rd & 4th graders should include at least two facts about Franklin and 5th & 6th graders should include at least three facts plus the info on what a Leyden jar is. All grades should include Franklin's invention of the lightning rod and tell what it is used for. Be prepared to share what you have learned in class next week.

Great Inventors-Benjamin Franklin (Adventure Academy): <https://www.youtube.com/watch?v=YN9hFfC0lz0>

Leyden Jar Facts for Kids: https://kids.kiddle.co/Leyden_jar

****(optional resource if you want to learn more about the kite experiment and how Franklin used a Leyden Jar)* **Benjamin Franklin's Kite Experiment-What Do We Know (HistoryChannel):** <https://www.history.com/news/benjamin-franklin-kite-experiment-electricity>

____ (5 points) **The "E" in MELTS stands for Electrical Energy**

If you were unable to fill in all of the blanks on page 92 during our class discussion, please do so now by checking the class webpage where a picture is posted with the answers. You will need this information in studying for a future quarter 4 test.

____ (5 points) **Weekly Housekeeping! If you check this off please make sure you have actually done it! I am seeing a lot of binders with papers not filed behind the proper tabs.**

Make sure your current checklist **is signed** and in the front of your binder ready to turn in. File your papers where they go and check your supplies to make sure you have several working glue sticks, sharpened pencils, your colored Papermate Flair markers, and your **lab notebook!**

Parent Signature: _____

Homework Completion Grade _____/55 points