



Name: _____

Fundamentals of Chemistry & Physics: **Week 19 HOMEWORK CHECKLIST**

ALL GRADES

Due on February 13th

*******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 15: Can't Touch This!**

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 15, take out page 89/90 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 February 13th along with this completed homework checklist. **Special instructions: 3rd graders are to answer 8 out of the nineteen questions. 4th graders are to answer 12 out of the nineteen questions, 5th graders are to answer 16 out of the nineteen questions, and 6th graders are to answer all 19 questions.**

_____ **(15 points) For Reinforcement and Review—Non Contact Forces**

Read lesson 15, then watch the following videos to reinforce and review what you have learned.

Forces-Gravity (Miacademy): <https://www.youtube.com/watch?v=8M3Fzdb1b9g&t=5s>

Forces-Magnets (Miacademy): <https://www.youtube.com/watch?v=KlI5A6xX9cY&t=7s>

The World's Largest Vacuum Chamber (BBC): <https://www.youtube.com/watch?v=E43-CfukEgs>

_____ **(10 points) Scientist in the Spotlight: Newton (2nd Page)**

A page of pictures for you to cut out and use for this page and the Galileo page was handed out in class and should be in your binder. Cut around all of the pictures, saving out the apple tree and apple. Glue the apple tree to the far left side of page 61. THEN make a booklet with the apple picture as the cover and write the words, "Law of Universal Gravitation" on the inside of the booklet and write the word "Gravity" across the apple of your cover. Glue the apple booklet next to the trunk under the tree. See the class webpage for a picture example.

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_____ **(10 points) Scientist in the Spotlight: Galileo Galilei (For a Separate Grade)**

Using the remaining pictures from the picture handout, create a scientist in the spotlight page about Galileo on page 74 of your lab notebook. Be sure to add his full name to the title piece. Then watch the video to learn more about this talented scientist. **Galileo Galilei for Kids (LearnBright):** <https://www.youtube.com/watch?v=JI36dazqEwU> The video goes through a list of several of his discoveries and inventions. **Add these discoveries and inventions to your page along the provided pictures and give facts about his life that you found the most interesting.**

- 3rd graders add one discovery OR invention along with the pictures and one interesting fact.
- 4th graders add one discovery AND one invention along with pictures and one interesting fact.
- 5th graders add two discoveries AND two inventions along with the pictures and two interesting facts.
- 6th graders add three discoveries AND three inventions along with the pictures and two interesting facts.

NOTE: The discoveries and inventions can simply be the name of what they are and do not have to be in sentence form.

*******Due to many of you having history presentations, we will share the Galileo pages in class on the 20th, so you have two weeks to complete this activity if you are needing a little extra time. Please make a note in the checkmark box on this checklist if you are planning on finishing this assignment next week. Just don't lose the pictures I gave you!**

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

Make sure your current checklist **is signed** and in the front of your binder ready to turn in. File your reading lessons behind the reading lesson tab and your checked homework checklist behind the homework checklist tab. Check your supplies to make sure you have several working glue sticks, sharpened pencils, your colored Papermate Flair markers (or similar), and your **lab notebook!**

Parent Signature: _____

Homework Completion Grade _____/60 points