



Name: _____

Fundamentals of Chemistry & Physics: **Week 16 HOMEWORK CHECKLIST**

ALL GRADES

Due on January 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.**

_____ **(15 points) Learning About Isaac Newton**

Isaac Newton was a brilliant mathematician and physicist. Even Albert Einstein considered Newton to a genius. We will be discussing Newton's many contributions to the world of physics this semester. For this week's homework, I would like you to learn about Newton's background and upbringing. Watch **PORTIONS OF** the following videos and make at least one "lap book piece" that will be added to your lab notebook when we return. We will start a scientist in the spotlight section TOGETHER next week. Again, DO NOT add to your lab notebook yet!!

_____ Watch, **The Quick Story of Isaac Newton (NowYouKnowAbout)**: <https://www.youtube.com/watch?v=1vTbna25j8> **(Watch only until 6:52 mark)**

_____ Watch, **Isaac Newton for Kids (Bedtime History)**: <https://www.youtube.com/watch?v=0sdCy1ymc9A> **(Watch only until 3:13 mark)**

_____ **Make a lap book piece about Newton's childhood/upbringing that will be added later to your lab notebook. The piece should be no larger than 2"x3" when folded. This should only be information about his life from birth until he came home from Cambridge due to the plague. These will be shared in class. Be creative! Please reach out if you have any questions.**

_____ **(10 points) In Preparation for Next Week's Lesson—Forces and Motion (FOR A GRADE)**

We will pick back up with forces and the three laws of motion when we return. Please watch the video carefully and take notes on a separate piece of notebook paper. **The notes will be turned in for a grade.** There is a lot of information in this video that can be included in your note taking. You can pause the video and copy definitions that are given or summarize a concept. You can draw an example of a concept that is explained. You can write down something that you found interesting. The number of facts/items of interest that you record in your notes should correspond to the grade number you are in (3 for 3rd grade, 4 for 4th grade, and so on...)

_____ Watch the video: **Forces and Motion (Miacademy)**: <https://www.youtube.com/watch?v=l-6ERzL9QsE>

_____ **Take notes on a separate piece of paper to turn in for a grade**

_____ **(5 points) Enjoy the Snow and Be Ready to Get Back Into "Motion" for School Next Week!**

Parent Signature: _____

Homework Completion Grade _____/30 points