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| **Unit Title: Nature of Matter** | | **Lesson Topic: Scientific Method & Properties of Matter** | **Week of: Aug. 22-26** |
| **Georgia Performance Standard:**  ***S8CS9. Students will understand features of the process of scientific inquiry. Students will apply the following to inquiry learning practices***  b. Scientific investigations usually involve collecting evidence, reasoning, devising hypotheses, and formulating explanations to make sense of collected evidence.  c. Scientific experiments investigate the effect of one variable on another. All other variables are kept constant.  ***S8P1. Students will examine the scientific view of the nature of matter.***  d. Distinguish between physical and chemical properties of matter as physical (i.e., density, melting point, boiling point) or chemical (i.e., reactivity, combustibility). | | | |
| **Date** | **Smart Start** | **Agenda** | **Homework** |
| **MONDAY** | Power Practice Physical Science p. 5: The Scientific Method | 1. Scientific Method Video Clip 2. Notes: Scientific Method **(CW10)** 3. Scientific Method Vocabulary **(CW11)** | Finish Scientific Method Vocabulary |
| **TUESDAY** | Power Practice Physical Science p. 6: Scientific Definitions | 1. Sponge Bob Scientific Method Review: Controls & Variables 2. Scientific Method Crossword 3. Notes: Measuring Matter Foldable **(CW12)** | Work on Measuring Matter Foldable **(CW12)**  \*\*Students will have about 15 minutes in class to finish tomorrow |
| **WEDNESDAY** | -\_\_\_\_\_\_\_ is anything that has mass and takes up space.  -Every form of matter has two kinds of \_\_\_\_\_\_\_\_\_\_.  -A \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ is a characteristic of a pure substance that can be observed without changing it into another substance.  -A \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ is a characteristic of a pure substance that describes its ability to change into different substances. | 1. Finish Measuring Matter Foldable **(CW12)** 2. Determining Density Activity **(CW13)** 3. MAP Test | NONE |
| **THURSDAY** | Physical vs. Chemical Properties # 1-5 | 1. Video: Properties of Matter – complete video notes while viewing **(CW14)** 2. Discuss Physical & Chemical Properties 3. Begin Properties of Matter Foldable **(CW15)** | Study for Weekly Concepts Quiz on Friday: Scientific Method, Measuring Matter & Properties of Matter |
| **FRIDAY** | Take out this week’s Smart Starts & exchange with a neighbor | 1. Grade & Collect Smart Starts 2. Properties of Matter Foldable **(CW15)** 3. Weekly Concepts Quiz: Scientific Method, Measuring Matter & Properties of Matter | Finish Properties of Matter Foldable **(CW15)** |