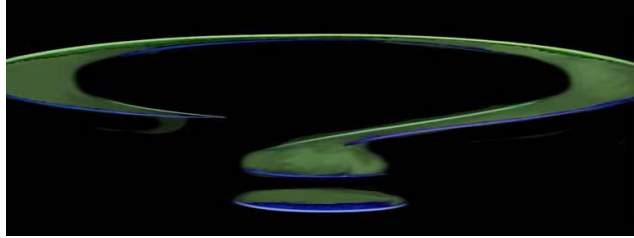


# *Science Study Guide*

## *August 22 – August 26*



Welcome to the amazing world of physical science. It is a natural instinct for people to wonder why things work the way they do. Why does our stomach drop when we are on a roller coaster? Why does our body continue to move forward when we are in a car that breaks suddenly? Why does some food taste sour while other food tastes sweet? It is natural for us to be curious. Science is the process of how we go about finding answers to our questions.

There is a total of 50 points this week. Some assignments are mandatory, while other assignments are a choice. All work is due by the end of school Friday, August 26. Keep all of your work in your science notebook, and turn them into the basket when completed. You are welcome and encouraged to turn in work early when it is completed. Every assignment must have your name and the name of the assignment. Place a check mark next to the assignment when you completed it.

### **Must Do Assignments: (40 points total)**

- Participate in discussion about what is physical science and note taking lesson. Take notes. (5 points)
- Define Key Terms on p. 6 and Key Terms on p. 10 (5 points)
- Watch “Scientific Inquiry” video, take notes, and participate in the follow-up discussion. (5 points)
- Draw, label, and color figure 3 “The Nature of Inquiry” on p. 11. Use a plain white paper for this assignment (**not in your workbook or on line paper**). (10 points)
- Science Lab: Tower of Power. Participate in a science lab and do the write up. (15 points)

### **Options: (Choose to do 10 points total)**

- Answer Questions 1 & 2 (all) on p. 9 (5 points)
- Answer Questions 1 & 2 (all) on p. 15 (5 points)
- What is Physical Science worksheet: Copy questions in your science notebook then answer them. Do not use the actual worksheet. (5 points)
- Scientific Inquiry worksheet: Copy questions in your science notebook then answer them. Do not use the actual worksheet. (5 points)
- An Enlightening Discovery story and questions. Read the story, then write the questions in your science notebook and answer them in complete sentences. (10 points)