

**Physical Science
August Assignment**

1. Write the metric weight (milligrams-mg, grams-g, kilograms-kg) of 10 products found in your home.
2. Write the metric liquid volume (milliliters-ml, liters-L) of 10 products found in your home.
3. Write the metric size (millimeters-mm, centimeters-cm, meters-m) of 10 products found in your home.
4. Look at the speedometer of your car. 50 MPH would be how many KPH (kilometers per hour)?
5. Look at a ruler that has centimeters (cm) as well as inches. How many cm are there in a foot?

Bring all these answers with you to the first meeting, on notebook paper ready to hand in.

Text pages 9-12

Answer the following questions:

1. What are the three most common base units of the Metric system?
2. What does **SI** stand for?
4. Which is longer, a meter or a yard?
4. Which is longer, an inch or a centimeter?
5. Which is larger, a liter or a quart?
6. A penny weighs about ? grams.

Go to this site and read what it says about temperature measurement and the three main temperature scales: http://www.visionlearning.com/library/module_viewer.php?c3=1&mid=48&l=

CTRL + click to connect with link. You must be connected to the internet for this to work.

1. What are the names of the three main scales used to measure temperature?
2. Scroll down to the diagram of three thermometers. What is the boiling point of water on each of the temperature scales?
3. What is room temperature on each of the three scales?
4. Why are there no negative numbers on the Kelvin scale?
5. Click on the term “**absolute zero**” just above the diagram. What does the glossary say about it?