Name _____ Date _____
Physical Science Notes by E.S. Belasic Homeroom _____

Metric System Notes

In science class, we will be using the **Metric System**. The metric system is a system of measurement that is used by scientists all over the world. Most countries only use the metric system. In the United States, we use the **English System**.

Can you name some units that we use?

- **Liquid** _____
- **Mass** _____
- **Length** _____
- **Temperature** _____
- **Time** _____

In the metric system, we will be using the following terms: **Grams, Liters, Meters, Seconds, and Celsius**. Can you guess which one is used for:

- **Liquid** _____
- **Mass** _____
- **Length** _____
- **Temperature** _____
- **Time** _____

You can also use the following prefixes:

- **Kilo** – 1,000
- **Centi** – 1/100th
- **Milli** – 1/1000th

Circle the smallest unit

Example: 1,000 **<u>milli</u>meters = 1 meter**

Measure the following in **centimeters:**

- My hand span is _____ cm. (measure outstretched hand between tip of thumb and tip of little finger)
- The width of my index fingernail is _____cm.
- The width of the back my hand is _____ cm.
- My foot is _____ cm

Using the measurements you have from above, **estimate** the following lengths. Estimate FIRST, then check for accuracy:

Length of lab table _____ cm Actual length _____cm

Width of this piece of paper _____ cm Actual length _____cm

My pencil _____ cm Actual length _____cm

My chair width _____cm Actual length _____cm