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
Þ	Mass
Þ	Length
Þ	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
Þ	Mass
Þ	Length
Þ	Temperature
Þ	Time

You can also use the following prefixes:

- **♦ Kilo** 1,000
- Centi 1/100th
 Circle the smallest unit
- ♣ Milli 1/1000th

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 lengthcm
Width of this piece of paper cm	Actual lengthcm
My pencil cm	Actual lengthcm
My chair widthcm	Actual lengthcm