Name $\qquad$ Date $\qquad$
Physical Science Notes by E.S. Belasic $\qquad$

## 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 $\qquad$
- Mass $\qquad$
- Length $\qquad$
- Temperature $\qquad$
- Time $\qquad$

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:
$\qquad$

- Mass $\qquad$
- Length $\qquad$
- Temperature $\qquad$
- Time $\qquad$

You can also use the following prefixes:

- Kilo - 1,000
- Centi - 1/100th


## Circle the smallest unit

- Milli - 1/1000th


## Example: $1,000 \underline{\text { millimeters }=1} \mathbf{m e t e r}$

Measure the following in centimeters:

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

Using the measurements you have from above, estimate the following lengths. Estimate FIRST, then check for accuracy: Length of lab table $\qquad$ cm

Actual length $\qquad$ cm

Width of this piece of paper $\qquad$ cm

My pencil $\qquad$ cm

Actual length $\qquad$ cm

My chair width $\qquad$ cm

Actual length $\qquad$ cm

