## Rainy/Snowy/Freezy Day Measurement Activity

For this assignment, you will measure the length of ten household objects in centimeters, then convert your measurement to millimeters and meters.

1. Find ten objects that will fit on your iPad's screen (or are smaller than your ruler). If possible, take a picture of each object in the "Object" column. Otherwise write the name of the object or draw it.
2. Measure the length of each object:
-If you have app store access, you can download a measurement app such as ruler.



- Or you can use this ruler. In order to use it, you must zoom in so the ruler takes up the entire long edge of your iPad's screen. Otherwise it will not measure accurately.

- Or you can use your paper ruler.

3. Record the measurement in $\mathbf{c m}$ on the table.
4. Convert each measurement from $\mathbf{c m}$ to $\mathbf{m m}$ and meters.

| Kilo- | Hecto- | Deka- | Base <br> (meter) | deci- | centi- | milli- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1000 | 100 | 10 | 1 | .1 | .01 | .001 |

5. E-mail to your science teacher!

| Object | Length in cm | Length in mm | Length in m |
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