



Draw a 1 meter Creature

Supplies: Paper, clear tape, colored pencils, a ruler

Instructions:

1. Tape 3 sheets of blank paper end to end to make one tall sheet. Measure the tall sheet. It should be almost 1 meter.
2. Draw a creature that is about 1 meter tall. Be creative! Color it! Name it! **Label it somewhere '1 meter'**.
3. In the bottom corner, draw a 1 millimeter creature. **Draw an arrow and label: "1 millimeter. A thousand times smaller than 1 meter"**. Measure the 1 millimeter creature to make sure it is 1 millimeter!
4. Now try to draw a pencil dot as small as you can. You'll have to use a very sharp pencil! By the way, you can only see about 40 microns with your eye (that's about the width of a hair)- so you actually will not be able to draw the dot much smaller than 40 microns. **Draw an arrow and label the dot: "Almost a micron. A million times smaller than 1 meter."**
5. Somewhere on your drawing: **Write "1 nanometer is a billion times smaller than 1 meter"**.
6. Hang up your drawing! Good job!