

What Are Some Science Tools ? 9/19/18

Vocab

- microscopic - too small to see with eye
- microscope - instrument used to see objects too small for the naked eye.
- balance - tool used to measure mass
- Spring scale - tool used to measure force
- accurate - a measurement close to true size.

Tools

- collecting net for catching small animals without harming them
- Hand lens for focusing and seeing up close
- Cameras for recording events
- Light microscope for observing small objects
- Dropper for collecting small amounts

of liquid

- Pipette for collecting and measuring very small amounts of liquid
- Electron microscope for observing very small objects. Magnifies 1 million times.
- Spring scale to measure force
- Balance to measure mass
- Graduated cylinder, beaker, or measuring cup to measure volume

Measurements

- All scientists use metric units of measure
- The metric system is based on multiples of 10.
- The base units are divided into smaller units (milli-, centi-, and deci-)

Units of Measure

- Length, base unit is meter
- Time, base unit is second
- Temperature, base unit is degrees Celsius
- Mass, base unit is kilogram
- Force, base unit is newton
- Liquid Volume, base unit is liter
- Volume of rectangular prism, cubic meters (m^3)

