

III. Scientific Method

C. *Qualitative* Observations

1) Describes *qualities* or *characteristics*.

a) Examples:

1. *Color*
2. *Odor*
3. *Sound*
4. *Texture*
5. *DO NOT TASTE!*

III. Scientific Method

D. *Quantitative* Observations

1) *Numerical* Data

a) Examples:

- | | <u><i>Tool</i></u> -- <u><i>Units</i></u> |
|-----------------------|---|
| 1. <i>Length</i> | <i>meter stick -- meters</i> |
| 2. <i>Mass</i> | <i>triple-beam balance -- grams</i> |
| 3. <i>Weight</i> | <i>spring scale -- newtons</i> |
| 4. <i>Volume</i> | <i>graduated cylinder -- liters</i> |
| 5. <i>Density</i> | |
| 6. <i>Temperature</i> | <i>thermometer -- celsius</i> |