SCIENTIFIC THINKING SKILLS

1. Observation
2. \_\_\_\_\_\_\_\_\_\_\_\_\_
3. Predict
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Communicate
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Customary
* Metric

1. Unit Conversions

* King Henry Method
* \_\_\_\_\_\_\_\_\_ Analysis

1. Length - ruler(Meter)
2. \_\_\_\_\_\_\_\_\_ – triple beam balance(Gram)
3. Volume – graduated cylinder(\_\_\_\_\_\_\_\_)
4. Density = Mass/\_\_\_\_\_\_\_(g/mL or g/cm3)

SCIENTIFIC METHODS

NATURE OF SCIENCE

MEASUREMENTS

* Number and \_\_\_\_\_\_\_\_\_\_\_\_
* Precise and \_\_\_\_\_\_\_\_\_\_\_\_\_

Graphing

1. Types of graphs

* \_\_\_\_
* \_\_\_\_
* \_\_\_\_

1. Graphing Rules

Variables

1. \_\_\_\_\_\_\_\_\_\_
2. Dependent
3. \_\_\_\_\_\_\_\_\_\_
4. Control

Steps

1. Observation
2. \_\_\_\_\_\_\_\_\_\_
3. Hypothesis
4. \_\_\_\_\_\_\_\_\_\_
5. Analyze results
6. Conclusion