Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Initials: \_\_\_\_\_\_\_\_\_\_

**Unit 1-Safety, Equipment, Scientific Investigation and Reasoning Skills**

1. **Equipment**

Vocabulary:

* Density
* Substance
* Mass
* Volume
* Water Displacement
* Experimental Investigation
* Comparative investigation
* Descriptive investigation

You should be able to:

* Recognize Lab equipment and know how to properly use them
* Recognize Safety equipment and know how to use them

1. **Safety**

You should be able to:

* Recognize safety symbols and know what they mean
* Demonstrate proper safety procedures during class

1. **Scientific Process**

You should be able to:

* Know all steps in the scientific process

1. **Types of investigations**

You should be able to:

* Identify the characteristics of a descriptive investigation
* Identify the characteristics of a comparative investigation
* Identify the characteristics of an experimental investigation

1. **Density**

You should be able to:

* Calculate density using volume displacement
* Calculate density using the formula triangle