

## **Unit 01: Measurement and Significant Figures Objectives Checklist**

I feel confident that I.....

### **Scientific Notation, Measurement, and the Metric System**

1. can convert numbers between scientific notation and standard notation
2. can recognize metric units and can estimate appropriate metric measurements for common objects
3. can convert measurements in the metric system
4. can convert measurements using a T-chart/factor label
5. can accurately read a measurement instrument
6. can define and distinguish between accuracy and precision

### **Significant Figures**

7. can understand what a significant figure is and can count significant figures in a number
8. can perform addition/subtraction calculations and round to the proper place value
9. can perform multiplication/division and round to the proper number of significant figures
10. can perform multiple math operations in a calculation and round to the proper number of significant figures

### **Density**

11. understand the concept of density
12. can use the density formula and solve for any missing info.
13. can calculate density using lab data.