

LEARNING REFLECTION SHEET

CHAPTER 2 OBJECTIVES	Have you learned this concept or skill?	What Evidence Do You Have that You Learned It? (List particular assignments, labs, or quizzes you completed that demonstrate your skill or knowledge)	What scores did you receive on the assignments, labs or quizzes you listed?	Is this a concept or skill you anticipate needing additional practice with before the test? How do you know?
SECTION 2-1				
Describe the purpose of the scientific method				
Describe the differences between models, theories, and laws as they apply to "research" science				
Describe basic steps of scientific method VOCAB: scientific method, hypothesis, model, theory, law				
SECTION 2-2				
Understand how quantities, units, and measurements relate to each other				
Name SI units for length, mass, time, volume, amount of substance, temperature, and density				

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Distinguish between mass and weight				
Be able to create a conversion factor to go from one unit to another (i.e. ____ m = ____ cm)				
Be able to solve dimensional analysis problem using conversion factors**				
**This means you should know the SI Base Unit and Prefix info you VOCAB: quantity, measurement, SI, mass, volume, density				
SECTION 2-3				
Distinguish between accuracy and precision				
Be able to calculate the percent error for given data				
Understand the concept behind significant figures and how they relate to measuring tools				

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Determine the number of significant figures in measurements				
Perform mathematical operations involving significant figures				
Convert measurements into scientific notation				
Perform mathematical operations involving scientific notation				
VOCAB: Accuracy, precision, percent error, significant figures, scientific notation				