

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Distinguish between and use accuracy and precision Identify significant figures	Discuss ch 2, pg. 37 - 42, 48 - 52 "Accuracy and Precision" "Significant Figures"	<ul style="list-style-type: none"> • QUIZ on SI Prefixes, Quantities & Units • Pg. 64 - 66: 27 - 30, 35 - 42 • Web post due by Saturday, 8:00 A.M. Topic, "STARS Web Post Comments Ideas" - Triumph (in Chemistry so far this year) 	Students will understand that only as we make measurements and quantify matter can we test our understanding of it and fulfill God's command in Genesis 1:28 to subdue the earth by using mathematical tools make quantitative observations.
TU	Use significant figures in measurements and calculations Measure length, mass, and volume using significant figures	Review ch 2, pg. 53 - 54 "Significant Figures" cLAB: Fundamental Sci. Skills <ul style="list-style-type: none"> • Triple Beam Balance • Graduated Cylinder • Meter Stick 	<ul style="list-style-type: none"> • <i>The Physics Classroom</i> - Significant Digits • Complete all three measuring practices - Due Thurs. by class <ul style="list-style-type: none"> ○ Be sure to follow the lab sheet instructions for turning in each activity 	
W	Measure length, mass, and volume using significant figures	cLAB: Fundamental Sci. Skills <ul style="list-style-type: none"> • Triple Beam Balance • Graduated Cylinder • Meter Stick 	<ul style="list-style-type: none"> • Complete all three measuring practices - Due Thurs. by class <ul style="list-style-type: none"> ○ Be sure to follow the lab sheet instructions for turning in each activity 	
TH	Demonstrate knowledge of SI Prefixes, Quantities & Units	QUIZ on SI Prefixes, Quantities & Units ACTIVITY: Measure Hunt	<ul style="list-style-type: none"> • Bring your cell phone tomorrow, if possible 	
F	Use scientific notation in calculations Identify conversion factors and use them in unit conversions	Discuss ch 2 pg. 55 - 56, 44 - 46 "Scientific Notation" "Conversion Factors"	<ul style="list-style-type: none"> • QUIZ on SI Prefixes, Quantities & Units • <u>Pg. R100 - 103: 1a, 1c, 2g, 2h, 12a, 12c, 12e, 13 - 16, 59d-e, 60d-e;</u> Skip a line between each and SHOW Correct Work! • Web post due by Saturday, 8:00 A.M. Topic, "STARS Web Post Comments Ideas" - Triumph (in Chemistry so far this year) 	

Bring **CALCULATORS** all week. You must have a **scientific calculator** for tests. You cannot use a graphing calculator on tests.

QUIZ on SI Prefixes, Quantities & Units - **Thursday, Aug. 26**

Web post: Enter your name like this: First initial (space) last name (space) class period: T Skinner C3

Labs & Online Assignments: Enter your name like this: Class period (space) Last name, First Name of Assignment:
C3 Skinner, Tammy SI Measure Hunt