

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M		Sophomores – No Class, Sophomore retreat Junior & Seniors – SI Practice	<ul style="list-style-type: none"> Web post due by Friday, 11:59 PM Topic, Application (answer both parts) – from "STARS Web Post Comments Ideas" 	
TU	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"> <u>Pg. R100 - 103: 1a, 1c, 2g, 2h, 12a, 12c, 12e, 55b-c, 56b, 56e</u>; Skip a line between each and SHOW Correct Work!! QUIZ on SI Prefixes, Quantities & Units – see note below 	Students will understand that as we make measurements and quantify matter we can 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.
W	Demonstrate knowledge of SI Prefixes, Quantities & Units Use dimensional analysis in problem solving	QUIZ on SI Prefixes, Quantities & Units Discuss ch 2 pg. 44 - 46 "Using Conversion Factors"	<ul style="list-style-type: none"> 	
TH	Use dimensional analysis in problem solving	Practice Problem Solving	<ul style="list-style-type: none"> <u>Pg. R100 - 103: 13 – 16, 91</u>; Skip a line between each and SHOW Correct Work!! 	
F	Apply the concept of density in solving problems	Discuss ch 2, pg. 42 –43 "Using Density"	<ul style="list-style-type: none"> <u>Pg. 64 - 66: 14, 17 – 19, 22; AND Pg. R100 - 103: 48, 85</u>; Skip a line between problems and SHOW Correct Work! Web post due by Friday, 11:59 PM Topic, Application (answer both parts) – from "STARS Web Post Comments Ideas" 	

Bring **scientific CALCULATORS** all week

QUIZ on SI Prefixes, Quantities & Units, **Wednesday, Aug. 23**; Make sure you are actively studying these things:

- Everything in the SI Prefixes chart: symbol, exponent, meaning, and how many in one of a larger one.
For example, 1 L is how many cL?
- SI fundamental and derived quantities and their symbols
- SI fundamental and derived units, their symbols, and the quantity they measure
- SI standard unit for all the quantities

Help Session?

TEST on Chapter 2 Friday, September 8

"You will call and I will answer you... Surely then you will count my steps but not keep track of my sin." Job 14: 15 – 16