

	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Apply the concept of density in solving problems	Discuss ch 2, pg. 42 – 43, "Using Density in Problems"	<ul style="list-style-type: none"> <li>Pg. 64 - 66: 14, 18 – 19, 22, <b>and Pg. R100-105: 48, 79, 85</b></li> <li><b>Web post due by Saturday, 8:00 A.M. Topic, Application</b></li> </ul>	
TU	Describe relationships between data Apply dimensional analysis in problem solving	Discuss ch 2, pg. 59 - 61 "Direct & Inverse Proportions" Practice Problem solving	<ul style="list-style-type: none"> <li><b>Chapter 2 Review Worksheet &amp; Sample Test</b>, ALL</li> </ul>	Students will understand that as we make observations and explain the properties of matter we can test our understanding of it and fulfill God's command in Genesis 1:28 to subdue the earth by constructing a working balance
W	Preview chapter 2 Test	Overview of TEST on Chapter 2 Practice Problem Solving	<ul style="list-style-type: none"> <li>Read (&amp; Print) <b>thLAB: Building Your Balance</b></li> </ul>	
TH	Apply density in solving problems	<b>thLAB: Building Your Balance</b> Practice Problem Solving	<ul style="list-style-type: none"> <li>Science Geek practice</li> <li>TEST on Chapter 2</li> <li><b>thLAB: Building Your Balance</b> – see note below</li> </ul>	
F	Demonstrate mastery of tools used to study chemistry	TEST on Chapter 2	<ul style="list-style-type: none"> <li>Read (&amp; Print) <b>LAB: ID of Unknowns – HONORS</b>; Make sure you're ready!!</li> <li><b>Web post due by Sat., 8:00 A.M. Topic, Application</b></li> </ul>	

**TEST on Chapter 2** Friday, September 2

- Bring a **scientific CALCULATOR** for the test. You may not use a graphing calculator or your cell phone for the test!

**SI Measurements & Conversions PRACTICE:** <http://www.sciencegeek.net>

- Go to Chemistry, select OLD Review and go to Unit 0 - The Methods of Chemistry
  - [Metric Units and Conversions Practice](#)
  - [Counting Significant Figures](#)
  - [Significant Figures Practice](#)
  - [Scientific Notation Practice](#)

**Online textbook** has great chapter review games in the Student Premium section!!

**Help session?**
**thLAB: Building Your Balance** – Due Tuesday, Sept. 6

- Record observations (data) and answer questions on separate sheet of notebook paper.
- Show work for Question 1 (Get actual mass of coins from Internet)
- Add Question 4: How were you able to use the balance to find the mass of the coins?