

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Final review of the Lost... project	ACTIVITY: Identifying an Unknown Radiation Source	<ul style="list-style-type: none"> Lost... Project– see <i>note below</i> Web post due by Friday 11: 59 PM Topic – <i>What did you learn from the Lost... Project (not related to Chemistry). What did God teach you through the project? Write web post on special post on website</i> 	Students will understand that God gives us the ability to understand the world around us and make application of it for our good by using applying chemistry concepts to a plan for survival
TU	Describe and write equations for the types of radioactive decay	TPC: Nuclear Decay – do all 3 levels. Show work on notebook paper for 2 nd & 3 rd levels	<ul style="list-style-type: none"> TPC: Nuclear Decay – do all 3 levels. Turn in work on notebook paper for 2nd & 3rd levels 	
W	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Nuclear Radiation"	<ul style="list-style-type: none"> 	
TH	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Nuclear Radiation"	<ul style="list-style-type: none"> Pg. 672 - 674; 11 – 14, 30 – 33, 40, 42, 52 	
F	Discuss the properties and uses of fission and fusion	Discuss ch 21, pg. 665 - 667 "Nuclear Fission Fusion" Science Geek– see <i>note below</i>	<ul style="list-style-type: none"> Complete Science Geek Practice Web post due by Friday 11: 59 PM Topic – <i>What did you learn from the Lost... Project (not related to Chemistry). What did God teach you through the project? Write web post on special post on website</i> 	

Lost. . . Project due on or before Tuesday, April 16, at 11:59 P.M. If you are absent for any reason that day, the complete project is still due on or before this time. Late projects will not be accepted.

- FOUR things you turn in:**
 - #1 and #2 - Research Paper Google Doc and Research Paper PDF
 - #3 and #4 - Sources in Google Slides and Sources PDF
- WHERE you turn in your Research Project**
 - 1) Chemistry Shared folder in Google Drive (Google Doc, Google Slides & 2 PDFs)
 - 2) Turnitin.com (only both PDFs)

Projects are due on or before 11:59 P.M. on Tuesday, April 16. Late projects will not be accepted.

ScienceGeek Practice: <http://www.sciencegeek.net>

- Go to Chemistry, click on **NEW** Review & go to:
Unit 1 - Atomic Structure & Origins of Elements
 - [Nuclear Chemistry Review](#)
 - [Atomic Structure Review](#)
- **IMPORTANT – Some questions have more than one answer!!**
- Do each & take a screen shot of each final page. Copy each final page into **ONE** doc & submit to Google Drive with this assignment name **Nuclear Chemistry Practice**

TEST on Chapters 3a & 21 Friday, April 26