

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Final review of the Lost... project	Lost... Project Q & A and work day	<ul style="list-style-type: none"> <li>Lost... Project– see note below</li> <li><b>Web post due by Friday 11: 59 PM</b> Topic – What did you learn from the Lost... Project (not related to Chemistry). What did God teach you through the project? <u>Write web post on special post on website</u></li> </ul>	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	Use the types of radioactive decay to determine an unknown	<b>ACTIVITY:</b> Identifying an Unknown Radiation Source	<ul style="list-style-type: none"> <li><b>TPC: Nuclear Decay</b> – do all 3 levels. Turn in work on notebook paper for 2<sup>nd</sup> &amp; 3<sup>rd</sup> levels</li> </ul>	
W	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Nuclear Radiation"	<ul style="list-style-type: none"> <li></li> </ul>	
TH	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Nuclear Radiation"	<ul style="list-style-type: none"> <li>Pg. 672 - 674; 11 – 14, 30 – 33, 40, 42, 52</li> </ul>	
F	Discuss the properties and uses of fission and fusion	Discuss ch 21, pg. 665 - 667 "Nuclear Fission Fusion" Science Geek– see note below	<ul style="list-style-type: none"> <li>Complete TPC &amp; Science Geek Practice – see note below</li> <li><b>Web post due by Friday 11: 59 PM</b> Topic – What did you learn from the Lost... Project (not related to Chemistry). What did God teach you through the project? <u>Write web post on special post on website</u></li> </ul>	

**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.

**FRIDAY HW: TPC & Science Geek Assignment – Due Monday by 8:00 AM**

- 1) **TPC: Nuclear Decay** – do all 3 levels. Show work on notebook paper for 2<sup>nd</sup> & 3<sup>rd</sup> levels
- 2) **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

"Call to Me, and I will answer you, and show you great and mighty things, which you do not know." Jeremiah 33:3