

Day	Academic Objective	Activities	Homework/Assessments	WHY?
			•	God gives us the privilege and responsibility of learning about the world around us in things such as nuclear chemistry so that it can be used for our good and His glory.
TU	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Units of Radiation" "Artificial Transmutation"	<ul style="list-style-type: none"> <li>Pg. 672 - 674; 11 - 14, 30 - 33, 40, 42, 52</li> <li><b>Web post due by Friday 11:59 PM.</b> Topic - STEM</li> </ul>	
W	Discuss applications of radioactive isotopes	Discuss ch 21, pg. 661 - 664 "Nuclear Radiation"	•	
TH	Discuss the properties and uses of fission and fusion; review and concepts and problems of chapters 3a and 21	Discuss ch 21, pg. 665 - 667 "Nuclear Fission Fusion" Overview <b>TEST</b> on ch 3a & 21	<ul style="list-style-type: none"> <li>TPC &amp; Science Geek Practice, Due Friday - see note below</li> <li>TEST on Chapters 3a &amp; 21</li> </ul>	
F	Practice concepts and problems of chapters 3a and 21	TPC & Science Geek Assignment - see note below	<ul style="list-style-type: none"> <li>TPC &amp; Science Geek Practice, Due Friday - see note below</li> <li><b>Web post due by Friday 11:59 PM.</b> Topic - STEM</li> </ul>	

**For Friday: TPC & Science Geek Assignment - (turn in two different ways!)**

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 Monday, April 28