

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Review concepts and problems from chapter 4	<p><b>TPC assignment</b> – See note below</p> <p>Work (or re-work) 4 problems:</p> <ol style="list-style-type: none"> <li>wavelength to frequency</li> <li>frequency to energy</li> <li>energy to wavelength</li> <li>red light = XJ</li> </ol>	<ul style="list-style-type: none"> <li><b>TEST</b> on Chapter 4</li> <li><b>Web post due by Friday, 11:59 PM</b> Topic – Triumph</li> </ul>	Students will understand that God continuously sustains all things throughout the present by using flame tests to identify elements
TU	Demonstrate proficiency in concepts from ch 4	<b>TEST</b> on Chapter 4	<ul style="list-style-type: none"> <li><b>Print &amp; Read LAB: Triboluminescence</b></li> </ul>	
W	Investigate triboluminescence	<b>LAB: Triboluminescence</b>	<ul style="list-style-type: none"> <li><b>Print &amp; Read LAB: Flame Tests</b> – add metals to data table</li> </ul>	
TH	Identify unknowns by performing flame tests	<b>LAB: Flame Tests</b>	<ul style="list-style-type: none"> <li>Lab sheets due tomorrow</li> </ul>	
F	Make application of chemistry concepts	“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 – Triumph</li> </ul>	

**The Physics Classroom:** (Monday classwork - **Due by end of class on Monday**)

- Quantum Mechanics– Complete ONLY 1<sup>st</sup> and 3<sup>rd</sup> levels of this activity
- Complete Electron Configurations– Complete all levels of this activity (*HINT: write level 3 on paper first!*)

**TEST** on Chapter 4 Tuesday, April 9

**Make up lab** this Wednesday morning, 7:40 A.M.

**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.