

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Derive formulas to calculate velocity and displacement	Work advanced velocity problems	<ul style="list-style-type: none"> <li>If necessary: Pg. 73 - 78: 11, 38, 51; Pg. R52: 7, 21, 22</li> <li><b>Web post due by Friday 11:59 PM</b></li> </ul>	
TU	Analyze and calculate change in position and motion	<b>LAB:</b> Predicting a Crash	<ul style="list-style-type: none"> <li><b>LAB report:</b> Predicting a Crash - Due by... ask me</li> </ul>	
W	Derive formulas to calculate velocity and displacement	Work advanced velocity problems	<ul style="list-style-type: none"> <li></li> </ul>	Students will understand that as we make measurements and quantify matter we can test our understanding of it and fulfill God's command to subdue the earth by mathematically and graphically analyzing motion
TH	Graphically analyze displacement and velocity	<b>ACTIVITY:</b> MatchGraph!	<ul style="list-style-type: none"> <li><b>TPC ACTIVITY:</b> Position–Time Graphs, Conceptual Analysis (ALL)</li> <li><b>TPC ACTIVITY:</b> Position–Time Graphs, Numerical Analysis (Only Nothing Stops Me)</li> </ul>	
F	Describe changes in velocity and quantify acceleration	Discuss chapter 2, pg. 46 - 51 "Changes in Velocity" "Motion with Constant Acceleration"	<ul style="list-style-type: none"> <li>Pg. 73 - 78: 12 - 25</li> <li>Read chapter 2, pg. 52 – 56</li> <li><b>Web post due by Friday 11:59 PM</b></li> </ul>	

#### Digital Lab Reports

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**Test** on Chapter 2 Tuesday, September 12

"You will call and I will answer you... Surely then you will count my steps but not keep track of my sin." Job 14: 15 – 16