

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
TU	Define and apply the law of interaction; describe the relationship between weight, friction and normal force	Discuss chapter 4 pg. 130 - 134 "Newton's 3 rd Law" Discuss chapter 4 pg. 130 - 134 "Weight, Friction, and Normal Force"	<ul style="list-style-type: none"> Pg. 146 - 149: 13 – 22, 28, 30, 32, 35, 45, 49 Read chapter 4, pg. 135 - 141 SlitN due Friday – topic, everyday application of physics Web post due by Sat., 8:00 A.M. 	Students will understand that it is by God's plan and purpose that we live and move and have our being by describing the role and result of forces that oppose motion
W	Describe the relationship between weight, friction and normal force	Discuss chapter 4, pg. 135 - 141 "Weight, Friction, and Normal Force" – At an Angle	<ul style="list-style-type: none"> Newton's Law Project – see note below 	
TH	Describe the relationship between weight, friction and normal force	Present Newton's Law Project Discuss chapter 4, pg. 135 - 141 "Weight, Friction, and Normal Force" - On an Incline	<ul style="list-style-type: none"> Pg. 146 - 149: 25, 26a, 26b, 27, 29, 36 - 39, 40, 41, 46 - 48, 52 SlitN due Friday – topic, everyday application of physics 	
F	Describe the relationship between weight, friction and normal force	Review "Weight, Friction, and Normal Force" Problems	<ul style="list-style-type: none"> Problems re-cap – Pick any 6 and rework them (a mix of all types) Web post due by Sat., 8:00 A.M. 	

Newton's Law Project - due Thursday, Nov. 5, by 8:00 AM

- Create as a two-page doc: first page - the image, second page – your description/explanation of the image
- Convert to PDF and submit **2X**

All Lab Reports due Monday, October 9, by 8:00 A.M. – submit as PDF 2X

TEST on chapter 4 Friday, November 13

"The LORD is my strength and my shield; my heart trusted in him, and I am helped; therefore, my heart greatly rejoices; and with my song will I praise him." Psalm 28:7