

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Solve problems using the work energy theorem	Review Work/Energy Problems thLAB: Consv. of Energy – Answer on sheets	<ul style="list-style-type: none"> Work & Energy Review WS (1 – 5) thLAB: Consv. of Energy – Answer on sheets, Due tomorrow Web post due by Friday 11:59 PM 	Students will understand that God continuously sustains all things throughout the present by investigating the conservation of energy.
TU	Describe simple machines, mechanical advantage and efficiency	Discuss chapter 7 , pg. 250 - 252 "Simple Machines"	<ul style="list-style-type: none"> Pg. 265- 267: 30-31, 35-36, 45-48 	
W	Define and calculate power	Discuss chapter 5, pg. 179 - 181 "Power"	<ul style="list-style-type: none"> <i>Due Friday - Power Worksheet</i> 	
TH		No Class – Senior Service Project	<ul style="list-style-type: none"> Power Worksheet 	
F	Determine human power	LAB: Power - (Formal lab report - submit as PDF 2X) Review Work/Energy Problems	<ul style="list-style-type: none"> Rev. Worksheet 2 – Circled questions in both Groups A & B (Answers are on separate sheet) Web post due by Friday 11:59 PM 	

2nd Term Formal Lab Reports due Saturday, December 2, by 11:59 PM – submit as PDF 2X

TEST on chapter 5 Tuesday, December 5

Extra credit due Tuesday, December 5, 11:59 PM

"They borrowed a manger of hay for His bed; Jesus my Savior;
 No soft, downy pillow, no warm cradle spread for Jesus, my Lord.
 His were the planets and stars in the sky;
 His were the valleys and mountains so high;
 His, all earth's riches from pole unto pole;
 But He became poor to ransom my soul."
 Byron Carmony