

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate the relationship between velocity and braking distance	Correct and evaluate chapter 2 Test Design LAB: Velocity vs. Braking Distance	<ul style="list-style-type: none"> Science In the News due Friday – topic STEM (Use ORIGINAL assignment instructions) Web post due by Saturday, 8:00 A.M. 	Students will understand that God can use the knowledge and ability He has given us for our good and His glory by designing an experiment to determine the relationship between velocity and braking distance.
TU	Investigate the relationship between velocity and braking distance	LAB: Velocity vs. Braking Distance (formal lab report – save as PDF 2X)	<ul style="list-style-type: none"> ihLAB: Traveling Coin – Due Wednesday 	
W	Describe motion using vectors	Discuss chapter 3, pg. 82 - 85 "Intro to Vectors & Relative Motion"		
TH	Determine resultant motion	Practice Graphical Method of Vector Addition	<ul style="list-style-type: none"> Pg. 111 - 115: 1 – 5, 11 – 13 & Vector WS – Use Directions 1 Science In the News due Friday – topic STEM (Use ORIGINAL assignment instructions) 	
F	Determine resultant motion	Discuss chapter 3, pg. 86 – 93 "Component Method of Vector Addition"	<ul style="list-style-type: none"> Pg. 111 - 115: 14 – 26, Use component vector addition on problems 2 Read chapter 3, pg. 86 – 93 Web post due by Saturday, 8:00 A.M. 	

Extra Credit due Monday, October 5 (Topic – STEM)

Lab Reports due Tuesday, October 6, by 8:00 A.M. – submit as PDF 2X

TEST on Chapter 3 Wednesday, October 7

Alternative Assessment, pg. 116: Choose one, **Submit PDF 2X** - Due Thursday, 10/8 – (You may work alone or in groups of 2 - 3. For #2, design and carry out your experiment.)

"Seeking for me, Jesus was seeking for me. Though I knew Him not, still He loved me; He was seeking for me."