

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate the relationship between velocity and braking distance Discuss STEM applications	Design LAB: Velocity vs. Braking Distance thLAB: Traveling Coin	<ul style="list-style-type: none"> Web post due by Saturday, 8:00 A.M. thLAB: Traveling Coin – Due Wednesday Web post due by Friday 11:59 PM 	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"> Formal lab report due – see note below 	
W	Describe motion using vectors	Discuss chapter 3, pg. 82 - 85 "Intro to Vectors & Relative Motion"		
TH	Practice graphical method of vector addition	Practice Graphical Method of Vector Addition	<ul style="list-style-type: none"> Pg. 111 - 115: 1 – 5, 11 – 13 & Vector WS 1 – Use Directions 1 Web post due by Friday 11:59 PM 	
F		No Class – Parent/Teacher Conferences	<ul style="list-style-type: none"> 	

All Formal Lab Reports due Monday, October 2, by 11:59 PM– submit as PDF 2X. HINT: Work ahead – that week is going to be PACKED!

Extra Credit due Monday, October 2 (Topic – STEM)

TEST on Chapter 3 Thursday, October 5

“Lord, you have been our dwelling place in all generations. Before the mountains were brought forth, or ever you had formed the earth and the world, even from everlasting to everlasting, you are God.” Psalm 90: 1 - 2