

STEM Fall 2025: Week 12				
Complete before the class on Mon, Dec 1st				
STEM Assembly				
Complete at least one day on the Weekly Gratitude sheet.				
Find a scripture in the New Testament where Christ quotes a passage from the Old Testament.				
General Sciences				
	Topic	Reading	Exercises	
LifePac 7th Grade Unit 4	Eclipses	pg. 53-54	4.2	pg. 54
		pg. 56-57	4.7 - 4.10	pg. 57
			4.12	pg. 58
			4.01 - 4.013	pg. 59
			4.017 - 4.021	pg. 60
Aerospace				
	Topic	Reading	Exercises	
AEX II Activity Booklet	Hovercraft		Watch the video of the Joint Amphibious Assault exercise via a Landing Craft, Air Cushion (LCAC) hovercraft	
			Skim-read through the Embry-Riddle article on Ground Effect Vehicles (GEVs) which includes hovercrafts. According to equation (19) in the fan/plenum theory, by what factor does the required power increase if the hovercraft weight doubles but the cushion ride height remains constant?	
			Watch the hovercraft racing video	
	Meteorology	pg. 106, 111	Read through the weather station metrics and the images of cloud patterns	
Hybrid Mathematics				
Skim through the List of Science Fair Project Ideas and identify several interesting project ideas				