

STEM Fall 2025: Week 7			
Complete before the class on Mon, Oct 27th			
STEM Assembly			
Complete at least one day on the Weekly Gratitude sheet.			
Bring in one bible verse that is mysterious to you or that you do not fully understand.			
General Sciences			
	Topic	Reading	Exercises
LifePac 7th Grade Unit 3	Astronomy	pg. 31-32	
	Transparent Sphere Hypothesis	pg. 33	2.1 pg. 34
	Ptolemaic System	pg. 35	2.5 pg. 36
	Heliocentric Model	pg. 36-37	2.7 - 2.8 pg. 38
	Telescope		Watch the video on refractor vs. reflector telescopes and write a short paragraph explaining chromatic aberration.
	Galileo & Kepler	pg. 42-44	2.17 - 2.19 pg. 42-43
			2.25 pg. 45
			2.26 - 2.30 pg. 46
Aerospace			
	Topic	Reading	Exercises
AEX II Activity Booklet	Teamwork in Aerospace		Watch the video on How NASA Used Teamwork to Reach Saturn
			Watch the video of NASA celebrating the MARS Rover landing in 2012
		pg. 69	Refer to the figure explaining the four major functions of an aerospace company. Explain to your parents the role of each function, and in particular explain what each function does NOT do.
	International Space Station (ISS)	pg. 75-76	Read about the International Space Station.
Hybrid Mathematics			
Explain to your parents how the sequence of nested triangles demonstrates the proof of the infinite series. Use your calculator to calculate the first few terms of the infinite series.			