

STEM Fall 2025: Week 9

Complete before the class on Mon, Nov 10th

STEM Assembly

Complete at least one day on the Weekly Gratitude sheet.

Bring in one bible verse from an acrostic poem in the Old Testament.

General Sciences

	Topic	Reading	Exercises	
LifePac 7th Grade Unit 4	Solar Energy	pg. 5-6	1.4 - 1.8	pg. 7
		pg. 8-9	1.9 - 1.11	pg. 9
			1.13 - 1.16	pg. 10
			1.01 - 1.020	pg. 10-11
	Inner Planets	pg. 13-15	2.1 - 2.8	pg. 15 & 34
		pg. 16	2.9 - 2.17	pg. 17 & 34
		pg. 17	2.18 - 2.23	pg. 18 & 34
		pg. 18-19	2.24 - 2.31	pg. 20 & 34
			Watch the video: Starship Mission to Mars	

Aerospace

	Topic	Reading	Exercises
AEX II Activity Booklet	Pressure in Space		Watch the video on what happens if your body is exposed to the vacuum of space
			Watch the video demonstrating Boyle's Law in a vacuum chamber
			Watch the video on the evolution of the spacesuit
			Watch the video explaining the Artemis program
			Complete questions 1) and 2) on pg. 91
	Relativistic Time Travel	pg. 93	Read about time dilation when traveling at relativistic speeds

Hybrid Mathematics

Four cooks can make 30 omelets in 15 min.

How many cooks are needed to make 60 omelets in 12 min?