

STEM Fall 2025: Week 11				
Complete before the class on Mon, Nov 24th				
STEM Assembly				
Complete at least one day on the Weekly Gratitude sheet.				
General Sciences				
	Topic	Reading	Exercises	
LifePac 7th Grade Unit 4	The Moon	pg. 39, 45-46	3.17 - 3.21	pg. 46
		pg. 46	3.22 - 3.25	pg. 47
		pg. 48	3.26	pg. 49
		pg. 49	3.28 - 3.34	pg. 50
			3.01 - 3.024	pg. 51-52
			Skim through the figures illustrating how the Moon's orbital tilt impacts the possibility of a lunar eclipse during a full moon	
Aerospace				
	Topic	Reading	Exercises	
AEX II Activity Booklet	SR-71 Blackbird		Read the Smithsonian "Long Description" of the SR-71 Blackbird	
			Review the NASA gallery of the SR-71 Blackbird and select your favorite picture	
			Skim-watch the video on how the Lockheed SR-71 Blackbird works	
	Hovercraft	pg. 100-103	Review the construction of a low-flying hovercraft	
Hybrid Mathematics				
Refer to the figure demonstrating that the interior angles of a triangle sum to 180 degrees by imagining that you are an ant walking on the edge of the triangle.				
Use the same idea to determine the sum of the interior angles of a pentagon.				
Bonus: Use the same idea to determine the sum of the corner angles of a 5-pointed star.				