

STEM Spring 2026: Week 5				
Complete before the class on Mon, Feb 9th				
STEM Assembly				
<ul style="list-style-type: none"> - Supplies: Pencils & pens, folder with paper, scientific calculator - Books: LifePac Science, CAP Astronomy, Lab Journal 				2 points
Watch the Lockheed Martin video on Artemis II & Orion, and be prepared to discuss in class the most exciting aspect of this mission.				3 points
General Sciences				
LifePac 8th Grade Unit 3	Topic	Reading	Exercises	
		pg. 21-22	1.67 - 1.80	pg. 24
		pg. 24	1.83 - 1.87	pg. 26
		pg. 27-28	1.88 - 1.98	pg. 28
	Topic	pg. 28-29	1.99 - 1.108	pg. 29
		pg. 33-34	2.1 - 2.10	pg. 34
		pg. 35-36	2.12 - 2.17	pg. 36
		pg. 37	2.18 - 2.22	pg. 37
		pg. 40	2.29 - 2.35	pg. 40
Astronomy				
CAP Astronomy Booklet	Topic	Reading	Exercises	
		pg. 24-27	Write a paragraph explaining polar orbits and geosynchronous orbits.	5 points
			Go to the satellite prediction site, www.heavens-above.com , and select the "Starlink - dynamic 3D orbit display" link. How many Starlink satellites are displayed?	5 points
			Review the Issue Archive of NASA Spinoffs. Select the archive from your birth year, and find one interesting spinoff that occurred in the year that you were born. Be prepared to explain the spinoff in class.	5 points
			Explain to a family member how to use the Star Finder that you built in class and demonstrate to them one night under the stars. Bonus: Print & cutout the Complex Star Field on pg. 31 of the Astronomy Activity Booklet and use it in your Star Finder.	5 points
Hybrid Mathematics & Science Fair Project				
Bring a challenging math problem to class from your current math curriculum and be prepared to explain the solution in class at the whiteboard.				5 points
Experimentation: Begin conducting the first trial of your experiment (out of three trials total).				5 points
			Total	50 points