

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					
Topic	Reading	Exercises			
LifePac 8th Grade Unit 3	Matter and Change	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	
		pg. 28-29	1.99 - 1.108	pg. 29	
	Acids	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					
Topic	Reading	Exercises			
CAP Astronomy Booklet	Manmade Objects in Near Earth Orbits	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	