

STEM Spring 2026: Week 6						
Complete before the class on Mon, Feb 16th						
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		
Read through the Bible study on Proverbs 18:15 and be prepared to discuss what is meant by the "heart of the discerning" and the "ear of the wise".				3 points		
General Sciences						
LifePac 8th Grade Unit 3	Bases	Topic	Reading	Exercises		
			pg. 43-44	3.1 - 3.11	pg. 44	
			pg. 45	3.12 - 3.19	pg. 45	
	Salts		pg. 46-47, 49	3.31 - 3.37	pg. 49	
			pg. 53	4.4 - 4.6	pg. 54	
			pg. 55	4.7 - 4.8	pg. 55	
				4.9 - 4.13	pg. 56	
			pg. 56	4.14 - 4.16	pg. 57	
Astronomy						
CAP Astronomy Booklet	Manmade Objects in Near Earth Orbits	Topic	Reading	Exercises		
				Watch the video "Seeing Beyond: The James Webb Telescope" and be prepared to discuss the video in class.	5 points	
				Watch the video "The Webb Telescope's Optics" and write a short paragraph explaining why the primary mirrors are coated with a thin layer of pure gold.	5 points	
				Complete the NASA SpaceMath exercises, "Seeing the Distant Universe Clearly".	5 points	
				Skim through the ESA Webb Images and select your favorite image. Click on the image to get its name and be prepared to discuss the image in class and explain why you selected it.	5 points	
Hybrid Mathematics & Science Fair Project						
Watch the video on designing a geometric pattern using a protractor. Replicate the pattern OR design your own geometric pattern using a protractor. Submit your design.					5 points	
Experimentation: Continue conducting trials of your experiment (three trials total).					5 points	
				Total	50 points	