

<b>STEM Spring 2026: Week 10</b>				
Complete before the class on Mon, Mar 9th				
<b>STEM Assembly</b>				
- <b>Supplies:</b> Pencils & pens, folder with paper, scientific calculator				2 points
- <b>Books:</b> LifePac Science, CAP Astronomy, Lab Journal				
Be prepared to discuss in class a Bible verse where the Lord commands us to be still.				3 points
<b>General Sciences</b>				
	<b>Topic</b>	<b>Reading</b>	<b>Exercises</b>	
LifePac 9th Grade Unit 2	Volume	pg. 11	1.15 - 1.18	pg. 11
		pg. 13-14	1.22 - 1.23	pg. 15
			1.08	pg. 16
	Mass	pg. 19-20	2.11	pg. 27
			Watch the video on uncertainty, accuracy & precision and be prepared to discuss in class.	
		pg. 28	2.12	pg. 28
	pg. 30	2.19, 2.01 - 2.010	pg. 31	15 points
<b>Astronomy</b>				
	<b>Topic</b>	<b>Reading</b>	<b>Exercises</b>	
CAP Astronomy Booklet	Optical Filters	pg. 45-48	Skim-read through the list of Wratten Astronomical Filters and be prepared to discuss in class which filter you would choose if you could only choose one.	5 points
			Watch the video on Composing Webb Telescope Images and write a sentence explaining the two main Webb cameras and the number of filters on each camera.	5 points
			Watch the NASA video on the Imaging X-ray Polarimetry Explorer (IXPE) and write a paragraph explaining why fisherman wear polarized sunglasses.	5 points
			Complete the NASA SpaceMath exercises: Discovering Earth-like Worlds by Their Color.	5 points
<b>Hybrid Mathematics &amp; Science Fair Project</b>				
A regular 52 deck of cards contains 13 cards of each suit. If the deck is randomly shuffled then what is the probability that the top card is an Ace? What is the probability that the top four cards are all Aces?				5 points
<b>Experimentation:</b> Continue performing data analysis and completing your research paper.				5 points
<b>Total</b>				<b>50 points</b>