

<b>STEM Spring 2026: Week 14</b>					
Complete before the class on Mon, Apr 13th					
<b>STEM Assembly</b>					
- <b>Supplies:</b> Pencils & pens, folder with paper, scientific calculator				2 points	
- <b>Books:</b> LifePac Science, CAP Astronomy					
Read Psalm 111:2 and write a sentence explaining the biblical importance of scientific studies in the context of this scripture.				3 points	
<b>General Sciences</b>					
	<b>Topic</b>	<b>Reading</b>	<b>Exercises</b>		
LifePac 9th Grade Unit 7	Telescopes and Optics	pg. 17-18	2.1 - 2.3	pg. 19	15 points
		pg. 19-21	2.4 - 2.11	pg. 22	
		pg. 23	2.15 - 2.20	pg. 24	
			2.013 - 2.015	pg. 25 - 26	
			2.016 - 2.020	pg. 26	
<b>Astronomy</b>					
	<b>Topic</b>	<b>Reading</b>	<b>Exercises</b>		
CAP Astronomy Booklet	Artemis II		Watch the NASA video on the Path of Artemis II, and draw a picture of the path with arrows showing the direction of travel.	5 points	
			Read the NASA presentation, <i>Going Back to the Moon</i> , and write a paragraph explaining the five stages of the Artemis Program.	5 points	
			The Artemis II lunar flyby occurs on Mon, Apr 6th with a closest approach at 5:02pm MDT. Find an online video of the lunar flyby or look at images on the Artemis II Multimedia Site and be prepared to discuss in class.	5 points	
			Complete the NASA SpaceMath exercises: <i>Launch from the Moon's Surface</i>	5 points	
<b>Hybrid Mathematics &amp; Science Fair Project</b>					
A jar contains 10 red balls and 20 blue balls. If 5 balls are randomly sampled without replacement, what is the probability of selecting all blue balls?				5 points	
<b>Bonus +1:</b> What is the probability of selecting at least one red ball?					
<b>Science Fair Project:</b> Develop an exciting proposal for next year's state science fair (Mar 2027).				5 points	
				<b>Total</b>	<b>50 points</b>