

<b>STEM Fall 2025: Week 10</b>				
Complete before the class on Mon, Nov 17th				
<b>STEM Assembly</b>				
Complete at least one day on the Weekly Gratitude sheet.				
<b>General Sciences</b>				
LifePac 7th Grade Unit 4	Outer Planets	Topic	Reading	Exercises
			pg. 21-22	2.38 - 2.45, 2.48
			pg. 24	2.49 - 2.55, 2.58
			pg. 25-26	2.59 - 2.60, 2.65
			pg. 27	2.66 - 2.70, 2.74
	Dwarf Planets, Asteroids & Comets		pg. 28	2.75 - 2.81
			pg. 29	2.83 - 2.87
				2.90 - 2.96
				2.99 - 2.104
				2.01 - 2.023
				pg. 35-36
<b>Aerospace</b>				
AEX II Activity Booklet	Relativistic Time Travel	Topic	Reading	Exercises
				Watch the video on Einstein's theory of Special Relativity
				Explain the Twin Paradox (and its resolution) to your parents
				Watch the video on the Hubble telescope identifying faster-than-light galaxies
				Watch the video on recent advances in Warp Drive physics
	SR-71 Blackbird	pg. 96-98		Review the NASA Astronomy Picture of the Day Archive and look up the picture from your most recent birthday
<b>Hybrid Mathematics</b>				
Refer to the figure demonstrating that $1+2+3+4 = (25-5)/2 = 10$ .				
Use the same idea to calculate $1+2+3+\dots+14$ , and then check your result with a calculator.				
<b>Bonus:</b> Use the same idea to derive a general formula for $1+2+3+\dots+n$ .				