WEEK OF April 28-May 2, 2025

COURSE: 8th Grade Science /Gen		TEACHER: Turner		PERIODS: 1, 2,3,4,6	
	OBJECTIVES	**ACTIVITIES**	**MATERIALS**	**HOMEWORK**	**ASSESSMENT**	**STANDARDS**

	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
M O N	Learn about Science Careers including salary, education, certifications, etc. Work in teams to gather and graph data. Generate a line of best fit and derive an equation for that line. Practice making predictions from a linear equation and testing those predictions.	**Students will:** **GEN:** Research different science careers to determine the education needed to achieve the career, the annual salary, any technology used in the career, and how the career improves society.	Chromebooks Science Career WebQuest sheets	**NONE**	WebQuest	Next Gen Science Standards MS-ETS1-1. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions. MS-ETS1-2 Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem
T U E S	Learn about Science Careers including salary, education, certifications, etc. Utilize correct web searching techniques.	**Students will:** **GEN:**Research different science careers to determine the education needed to achieve the career, the annual salary, any technology used in the career, and how the career improves society.	Chromebooks Science Career WebQuest sheets Random Facts Scavenger Hunt Scavenger Hunt Science A-Z	**NONE**	WebQuest; Scavenger Hunts	ACOS Digital Literacy 5. Locate, curate, and evaluate information from digital sources to answer research questions.
W E D	Learn about structural engineering. Learn about engineering design and redesign. Learn how engineering can help solve society's challenges. Learn about teamwork and problem solving.	**Students will:** **GEN:** Work in pairs to design & build a boat out of aluminum foil in order to hold the most pennies.	Aluminum foil Container of water Pennies	**NONE**	Lab	Next Gen Science Standards MS-ETS1-1. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and

	Work in teams to gather and graph data. Generate a line of best fit and derive an equation for that line. Practice making predictions from a linear equation and testing those predictions.					potential impacts on people and the natural environment that may limit possible solutions. MS-ETS1-2 Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem
T H U R S	Learn about structural engineering. Learn about engineering design and redesign. Learn how engineering can help solve society's challenges. Learn about teamwork and problem solving.	**Students will:** **GEN & ADV:** Work in pairs to design & build a boat out of aluminum foil in order to hold the most pennies. If done early, start th Random Facts Scavenger Hunt	Aluminum foil Container of water Pennies Paper Towels Lab sheet Random Facts Scavenger Hunt	**NONE**	Lab Scavenger Hunt	Next Gen Science Standards MS-ETS1-1. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions. MS-ETS1-2 Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem
F R I	Utilize correct web searching techniques. Learn about structural engineering. Learn about engineering design and redesign. Learn how engineering can help solve society's challenges. Learn about teamwork and problem solving.	**Students will:** **GEN:** Complete Random Facts Scavenger Hunt. Start Index Card Towers Challenge.	Random Facts Scavenger Hunt Index Card Towers Challenge	**None**	Lab Scavenger Hunt	Next Gen Science Standards MS-ETS1-1. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions. MS-ETS1-2 Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the

					problem