WEEK OF April 29-May 3, 2024

COURSE: 8th Grade ADV Science   TEACHER: Turner   PERIODS: 1, 2, 3, 4,6,

	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
MON	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:** **ADV:** Synthetic vs Natural Begin Barbie Doll Bungee Lab. Gen: Career science webquest	Barbie Doll Bungee Lab Rubber bands Meter sticks Barbie dolls	**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 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
TUES	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:** **ADV:** Continue Barbie Doll Bungee Lab.	Barbie Doll Bungee Lab Rubber bands Meter sticks Barbie dolls	**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 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
WED	Learn about Science Careers including salary, education, certifications, etc	**Students will:** **ADV:** Research different science	Chromebooks Science Career WebQuest	**NONE**	WebQuest	ACOS Digital Literacy 5. Locate, curate, and evaluate information

		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. **Gen:** Penny Boat Lab	sheets			from digital sources to answer research questions. purpose, and audience.
T H U R S	Learn about Science Careers including salary, education, certifications, etc	**Students will:** **ADV:** 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. **Gen:** Penny Boat Lab	Chromebooks Science Career WebQuest sheets	**NONE**	WebQuest	ACOS Digital Literacy 5. Locate, curate, and evaluate information from digital sources to answer research questions.
F R I	Utilize correct web searching techniques.	**Students will:** **ADV:** Complete Random Facts Scavenger Hunt.	Random Facts Scavenger Hunt	**None**	Scavenger Hunt	ACOS Digital Literacy 5. Locate, curate, and evaluate information from digital sources to answer research questions.