September 2024

STEAM (science, technology, engineering, art, and math)

Matheson Memorial Library activities you can do at home, school, or the library. For more ideas, visit https://www.pinterest.com/elkhornlibrary/activity-calendars/

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Theme of the week is: Birds	2 SCIENCE	3 TECHNOLOGY	4 ENGINEERING	5 ART	6 MATH	7
Read Seagull Soars by April Pulley Sayre	Read Feathers by Melissa Stewart and learn about the science of feathers.	Borrow a birding kit from the library and use binoculars.	Make a bird out of paper.	Draw pictures of birds.	Spend ten minutes watching a birdfeeder. Count how many birds and different species you see.	Write or draw about what you learned this week. Take a walk and see what else you can observe about birds.
8 Theme of the week is: Apples	9 SCIENCE	10 TECHNOLOGY	11 ENGINEERING	12 ART	13 MATH	14
Read Granny Root grows fruit by Deborah Chancellor	Draw the life cycle of an apple tree.	Read From apple trees to cider please by Felicia Chernesky and learn about how cider is made.	Build something with chunks of apple and toothpicks.	Use an apple to make paint prints.	Cut apples in half horizontally, vertically, and at an angle. How does the pattern of seeds change?	Write or draw about what you learned this week. Visit an apple orchard or take a walk and look for fruit on the trees.
15 Theme of the week is: Sound	16 SCIENCE	17 TECHNOLOGY	18 ENGINEERING	19 ART	20 MATH	21
Read Sounds all around by Susan Hughes	Choose one simple kitchen object and see how many different sounds you can make with it.	Borrow a recorder from the library and experiment with the different sounds it can make.	Make your own instrument out of straws, canisters, or rubber bands.	Sing a song with friends or family. Listen to how your voices sound together and separately.	Measure the volume or spaces on your handmade musical instruments. What happens when you change their dimensions?	Write or draw about what you learned this week. Take a walk and listen for different sounds.
22 Theme of the week is: Airplanes	23 SCIENCE	24 TECHNOLOGY	25 ENGINEERING	26 ART	27 MATH	28
Read Jumbo: The making of a Boeing 747 by Chris Gall	Read Science makes it work: A perfect paper plane by Catherine Stier	Watch a video about how airplanes work	Create your own paper plane! Try making small changes, like adding paper clips, or folding differently.	Decorate your paper planes! Make sure that if you add glue or 3-D objects, it doesn't change the way it flies.	Collect all the planes you've made. Use tape or chalk to mark targets and lengths and then compare how far each one flies.	Write or draw about what you learned this week. Go for a walk and see if you see any planes in the sky!

Fall is here and it's a great time to explore seasonal changes and the natural world. Go on walks and talk about the changes you see, touch, smell, and even taste in fall, including changes in animal behavior, weather, and plants. Track what you see and save it for the next year, when you can compare the information you gathered. Check out books from the library that explain the seasons and talk to friends or family who experience different seasons. Look up their locations on a map or atlas and learn about how seasons vary from place to place.