

# July 2025



**Matheson Memorial Library**  
101 N. Wisconsin St. Elkhorn, WI 53121  
262-723-2678 [www.elkhorn.lib.wi.us](http://www.elkhorn.lib.wi.us)

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

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   |
|--|---|--|---|---|--|--|
| <b>June 29 Theme of the week is: Bubbles</b><br><br>Read <b>Super Simple Things to do with Bubbles</b> by Kelly Doudna   | <b>June 30 SCIENCE</b><br><br>Try different kinds of soap and bubble solution to blow bubbles. Track your results.                          | <b>1 TECHNOLOGY</b><br><br>Experiment with giant bubble wands.   | <b>2 ENGINEERING</b><br><br>Design a bubble-blowing machine!  | <b>3 ART</b><br><br>Make art with bubbles.  | <b>4 MATH</b><br><br>Make prints with bubbles - can you see the pattern?   | <b>5</b><br><br>Go on a bubble-blowing walk. How do the bubbles react in different places?                 |
| <b>6 Theme of the week is: Chemical Reactions</b><br><br>Read <b>Every day, Chemistry</b> by Julia Sooy                  | <b>7 SCIENCE</b><br><br>Experiment with kitchen ingredients to create a chemical reaction.  | <b>8 TECHNOLOGY</b><br><br>Use a kitchen tool, like an egg beater or stove, to make a chemical reaction.   | <b>9 ENGINEERING</b><br><br>What kind of mixers are there? What happens when they mix different things?                             | <b>10 ART</b><br><br>Look for things in nature that you can make dyes, paint, or other art supplies with. | <b>11 MATH</b><br><br>Double or halve one ingredient in a recipe. How does the recipe change?                    | <b>12</b><br><br>Make potions outside.   |
| <b>13 Theme of the week is: Gravity</b><br><br>Read <b>Gravity</b> by Jason Chin   | <b>14 SCIENCE</b><br><br>Make a number of different weights using clay, dirt, rocks, or toys.   | <b>15 TECHNOLOGY</b><br><br>Make your own (toy) parachutes for the weights and try dropping them from a step, wall, or ladder.                   | <b>16 ENGINEERING</b><br><br>Experiment with paper airplanes. Try adding your weights.  | <b>17 ART</b><br><br>Do a walking water science experiment with paint.                                    | <b>18 MATH</b><br><br>Compare your experiments from earlier this week and make a graph of your findings.         | <b>19</b><br><br>Go on a walk and try balancing on different things you see.                               |
| <b>20 Theme of the week is: Outer Space</b><br><br>Read <b>If you had your birthday party on the moon</b> by Joyce Lapin | <b>21 SCIENCE</b><br><br>Make ice sculpture planets. Freeze plastic cups of ice, then trickle salt and warm water to melt them into shapes. | <b>22 TECHNOLOGY</b><br><br>Read <b>Just right: Searching for the Goldilocks Planet</b> by Curtis Manley. What technology do the scientists use? | <b>23 ENGINEERING</b><br><br>Use items from around your house to try to make the perfect planet.                                    | <b>24 ART</b><br><br>Draw a diagram of a rocket   | <b>25 MATH</b><br><br>Read <b>Let's Estimate</b> by David Adler. Can you estimate how many stars are in the sky? | <b>26</b><br><br>Go on a night walk and see if you can identify any constellations.                        |
| <b>27 Theme of the week is: Human Body</b><br><br>Read <b>Power Up</b> by Seth Fishman                                   | <b>28 SCIENCE</b><br><br>Science of smell! Put items into jars and poke holes in the coverings. See if you can identify them by smell.      | <b>29 TECHNOLOGY</b><br><br>Read <b>Optometrists and what they do</b> by Liesbet Slegers. What kinds of technology do we use to help our bodies? | <b>30 ENGINEERING</b><br><br>Read <b>I want an apple</b> by David Harrison. Can you build a system similar to the digestive system? | <b>31 ART</b><br><br>Trace yourself in chalk outside.   | <b>August 1 MATH</b><br><br>Read <b>Count on me</b> by Miguel Tanco and think about how you use math every day.  | <b>August 2</b><br><br>Go on a walk and think about all the ways you use your senses when you are outside. |