

January 2025



Matheson Memorial Library
 101 N. Wisconsin St. Elkhorn, WI 53121
 262-723-2678 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
<p>Make a New Year's resolution to try a STEAM project every day. It can be as simple as splashing in the bathtub or helping to make dinner. Talk, observe, measure, and explore!</p>			<p>1 ENGINEERING</p> <p>Build a structure with blocks in different colors. Are some colored blocks stronger than others? Or are they the same?</p>	<p>2 ART</p> <p>Paint a picture using different colors. Which colors do you like to put together?</p>	<p>3 MATH</p> <p>Count the colors you see on a walk outside. How many green, brown, or red things did you see?</p>	<p>4</p> <p>Write or draw about what you learned this week.</p>
<p>5 Theme of the week is: Hibernation</p> <p>Read Wait, Rest, Pause: Dormancy in nature by Marcie Atkins</p>	<p>6 SCIENCE</p> <p>Research five favorite animals. Do they hibernate or go dormant? Or do they estivate?</p>	<p>7 TECHNOLOGY</p> <p>What do you sleep on? How is it made and what is it made out of?</p>	<p>8 ENGINEERING</p> <p>How is your home or school kept warm? Learn about how your heating system works.</p>	<p>9 ART</p> <p>Draw pictures of how different animals hibernating or resting in the winter.</p>	<p>10 MATH</p> <p>Look at a calendar and count how many days the animals in the book are dormant or hibernating.</p>	<p>11</p> <p>Go on a walk and look for animals outside. Do you see places they might be hiding?</p>
<p>12 Theme of the week is: Bears</p> <p>Read Eat like a bear by April Pulley Sayre</p>	<p>13 SCIENCE</p> <p>What would a perfect place for a bear to live look like? Make a list of all the things they will need.</p>	<p>14 TECHNOLOGY</p> <p>Explore BadgerLink, Wisconsin's online database, and look for information about bears.</p>	<p>15 ENGINEERING</p> <p>A bear has very strong jaws. Make your own "bear jaws" with clothes pins or binder clips and test them out.</p>	<p>16 ART</p> <p>Make fuzzy bears with cotton balls or stuffing.</p>	<p>17 MATH</p> <p>Count how many different things a bear eats. How many different things do you eat?</p>	<p>18</p> <p>Visit Land of Stories at the library, including the Storytime Math station!</p>
<p>19 Theme of the week is: Ice</p> <p>Read Glacier on the move by Elizabeth Rusch</p>	<p>20 SCIENCE</p> <p>Fill a balloon with water and put it outside to freeze. What happens?</p>	<p>21 TECHNOLOGY</p> <p>Slide on the snow in different places and with different kinds of shoes or socks. Which goes faster? Why?</p>	<p>22 ENGINEERING</p> <p>Use rocks, ice, and snow to create your own glacier. Experiment to see how it shapes the landscape.</p>	<p>23 ART</p> <p>Put colored water outside to freeze. Draw with it and see what happens.</p>	<p>24 MATH</p> <p>Put different liquids outside and time how long it takes them to freeze. Try salt water, regular water, and oil.</p>	<p>25</p> <p>Visit ice in two places, like a skating rink or frozen lake. How is the ice different or similar?</p>
<p>26 Theme of the week is: Crystals</p> <p>Read The story of snow by Mark Cassino</p>	<p>27 SCIENCE</p> <p>Experiment with making salt crystals.</p>	<p>28 TECHNOLOGY</p> <p>Use a magnifying glass to look at salt or snow crystals.</p>	<p>29 ENGINEERING</p> <p>Borrow prisms from the library and experiment with them.</p>	<p>30 ART</p> <p>Try raised salt painting.</p>	<p>31 MATH</p> <p>Draw crystals: How many sides do they have? Are they symmetrical?</p>	<p>February 1</p> <p>Do you see salt anywhere outside? What happens when it is on the snow and ice?</p>