

Suggested reading and **STEAM** activities from TMCPL are designed to provide children with learning opportunities that combine fun hands-on activities with experiences to promote early literacy.

The benefits of STEAM education include a lifelong love for learning, as well as the development of self-esteem, critical thinking, creativity, communication skills, and sensory use to explore, observe, and learn.

SUN	SCIENCE MONDAY	TECHNOLOGY TUESDAY	ENGINEERING WEDNESDAY	ART THURSDAY	MATH FRIDAY	SAT
<p>Read: <i>Rocks and Minerals</i> By: DK Kids</p>	<p>Collect rocks for a week. Pick up from different areas – yard, creek, woods, etc. Record differences</p>	<p>Come up with a product you can make using the characteristics of a rock</p>	<p>Gather rocks and invent new ways to transport them</p>	<p>1 Create a dot painting on rocks. Use a Q-tip to dab paint in perfect circles on to rocks to create a pattern</p>	<p>2 Go on a rock hunt. Line up rocks with common characteristics (type, color, size, shape)</p>	<p>3</p>
<p>4 Read: <i>Wildly Spectacular Sports Science</i> By: Sean Connolly</p>	<p>5 Mark wall with masking tape and heights in feet. See how high you can bounce a ball.</p>	<p>6 Have friend hold a ruler above you. They drop and /you catch. The higher the # the faster reaction time</p>	<p>7 Design and create your own miniature golf course out of everyday household objects</p>	<p>8 Use washable paint. Put large paper on ground. Paint tread on bike tire. Ride bike on paper creating art with tracks</p>	<p>9 Statistics & Probability. Flip a coin everyday of the week. Record results</p>	<p>10</p>
<p>11 Read: <i>Learning to be Wild</i> By: Carl Safina</p>	<p>12 Observe family and habits for a week. Record who in family is most alike</p>	<p>13 Research your favorite animals online. Find likes and differences between them</p>	<p>14 Try to build a dam that stops water out of sticks and leaves</p>	<p>15 Make a diorama of an animal's habitat</p>	<p>16 Look up the dimensions of a whale. Try to draw a life size whale w/chalk in your driveway</p>	<p>17</p>
<p>18 Read: <i>Wild World of Bioluminescence</i> By: Jennifer N.R. Smith</p>	<p>19 Place a glow stick in different temperatures- fridge, freezer, warm sun. Record results</p>	<p>20 Take a highlighter marker. Remove felt inside. Place in a glass jar of water. Turn out light and observe w/ a flashlight</p>	<p>21 Make a glow lantern out of whole pack of glow sticks and a mason jar</p>	<p>22 Outline a drawing in black marker. Fill in space and color with glow in the dark paint</p>	<p>23 Go outside right before dark and count the fireflies</p>	<p>24</p>
<p>25 Read: <i>Wild City</i> By: Lucy Rose</p>	<p>26 Observe animals in your near your home. See animal habits and food sources. Natural and manmade</p>	<p>27 Record bird sounds from your yard. Identify the bird at: birdnet.cornell.edu</p>	<p>28 Create a safe home for toads using natural materials from your yard and a water source</p>	<p>29 Make a tree journal. Pick one tree, draw, measure, take notes and more. Who lives in your tree?</p>	<p>30 Count all the animal food sources in your yard</p>	<p>31</p>