

**Science • Technology • Engineering • Art • Math**

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><b>Read:</b> <b>Do Not Lick This Book</b> By: Ida Ben-Barak and Julian Frost</p>	<p>Place a small amount of glitter in your hand and rub your hands together, go about your day. Look around your house at the end of the day. This is how far germs can spread.</p>	<p><b>1</b> Sprinkle pepper in a bowl of water. dip finger into pepper water. observe. Now dip finger in dish soap and re- dip in pepper water. what happened? Look up surface tension on internet</p>	<p><b>2</b> <b>Design</b> an inviting hand washing area at your home with hand soap, lotion, towels and hand sanitizer</p>	<p><b>3</b> <b>Research</b> what different types of germs and viruses look like. Make 3-D models out of clay</p>	<p><b>4</b> <b>Count</b> to 20 slowly every time you wash your hands. That is the proper amount of time that kills most germs</p>	<b>5</b>
<p><b>6</b> <b>Read:</b> <b>Brain Lab for Kids</b> By:Eric H. Chudler</p>	<p><b>7</b> Place different objects 1 at a time into a clean sock. Ask parent to guess what object is just by feeling</p>	<p><b>8</b> Explore: <a href="http://www.faculty.washington.edu/chudler/r/chgames">www.faculty.washington.edu/chudler/r/chgames</a></p>	<p><b>9</b> Cut out 2 cardboard circles. Draw a fish bowl on 1 and a fish on the other. Glue back-to-back on stick. Spin.</p>	<p><b>10</b> Make a play dough model of the brain</p>	<p><b>11</b> Ask a parent or friend to give you simple math to do in your head</p>	<b>12</b>
<p><b>13</b> <b>Read:</b> <b>The Body Atlas</b> By:DK Kids</p>	<p><b>14</b> Practice lowing your heart rate by just thinking about it. Take example before and after.</p>	<p><b>15</b> Using your 5 senses and a packet of pop rocks explore and design your own science experiment</p>	<p><b>16</b> <b>Recreate</b> the function of the lungs using a 2-plastic water bottle and a balloon</p>	<p><b>17</b> <b>Make</b> a body map. Outline whole body and draw in bones, organs, etc...You can use back side of wrapping paper</p>	<p><b>18</b> Add up the number of hours you sleep every week</p>	<b>19</b>
<p><b>20</b> <b>Read:</b> <b>One Minute Mysteries and Brain Teasers</b> By:Sandy Silverthorne</p>	<p><b>21</b> What does a snowman eat? Backwards answer- *ekalfwons</p>	<p><b>22</b> What's a robot's favorite food? Backwards answer- *spihcorcim</p>	<p><b>23</b> What animal goes to bed with shoes on? Backwards answer- *esroh</p>	<p><b>24</b> What's green but smells like blue paint? Backwards answer- Neerg tniap</p>	<p><b>25</b> If eggs cost 12 cents a dozen. How much does 100 eggs cost?</p>	<b>26</b>
<p><b>27</b> <b>Read:</b> <b>Bed, Bats &amp; Beyond</b> By:Joan Holub</p>	<p><b>28</b> Echolocation: Blindfolded roll a ball towards the wall. Listen where it hits. Can you scoot to wall and reach out and touch hit point</p>	<p><b>29</b> Place a pie tin up against a wall. Use 2 cardboard tubes. Have one person talk in tube, another person puts tube to ear. Stand 12 in. from pie tin and try and bounce sound</p>	<p><b>30</b> Help bats- put up a bat house, keep a spot of dead leaves, use less pesticides in yard</p>	<p><b>31</b> Make a bat that can hang upside down from your doorknob</p>	<p>If a bat catches 50 insects every 5 minutes. How many can it catch in an hour?</p>	