



FEBRUARY

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>Read: Groundhog Day By: Sharon Katz Cooper</p>				<p>1 Design a shadow box and make shadow puppets</p>	<p>2 Web Search: Find the average # of Groundhogs that spotted its shadow today</p>	3
<p>4 Read: Machines in Motion By: Tom Jackson</p>	<p>5 Make a ramp to test objects in motion, speed, and friction</p>	<p>6 Explore: www.ite.com</p>	<p>7 Make a boat out of household items. Make sure it doesn't take on water or sink!</p>	<p>8 Create a moving machine out of cardboard</p>	<p>9 Count how many planes you see in a week</p>	10
<p>11 Read: Valentine's Day By: Gail Gibbons</p>	<p>12 Create as many shades of pink as possible. Use white, red, black, white paint</p>	<p>13 Explore: www.abcya.com</p>	<p>14 Make a Valentine's Keepsake box</p>	<p>15 Make paper flowers. Bonus points if you use junk mail!</p>	<p>16 Count all the people you love</p>	17
<p>18 Read: Food Like Mine By: DK Children</p>	<p>19 Save and Plant seeds from produce. Try and start an apple tree</p>	<p>20 Explore: www.thecookierookie.com</p>	<p>21 Make a self-watering device for plants using discarded water bottle</p>	<p>22 Draw or paint a picture of food</p>	<p>23 Plan a family meal for \$15 with an adult.</p>	24
<p>25 Read: Chemistry for Curious Kids By: Lynn Huggins- Coope</p>	<p>26 Experiment with lemon juice and baking soda</p>	<p>27 Explore: www.science-sparks.com</p>	<p>28 Identify the material things are made of around your house</p>	<p>29 Create watercolor paints using cornstarch and food coloring</p>	<p>Use kitchen measuring tools to practice measurements and pouring</p>	