



# April 2020 STEAM Ideas



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Did you know the Library has MOBY kits you can check out to use at home? These kits include books, manipulatives, and a journal where kids can write and draw what they saw. Remember, for young children play is learning! Encourage them to explore, touch, taste, smell, and see the world around them.			<b>1</b> ENGINEERING Build your own jungle gym out of popsicle sticks or with a building set	<b>2</b> ART Draw all the shapes you know and make them different colors.	<b>3</b> MATH Make tangrams out of cardboard and see what pictures you can make with them.	<b>4</b> Write or draw about what you learned this week. Take a walk and look for shapes in nature and how they fit together.
<b>5</b> Bricks READ <b>Yasmin's hammer</b> by Ann Malaspina	<b>6</b> SCIENCE Make your own bricks with mud, ice cube trays, and other natural materials (straw, dry leaves and grass, etc.)	<b>7</b> TECHNOLOGY What tools do you need to make bricks?	<b>8</b> ENGINEERING Build a structure with your bricks. Does it stay up?	<b>9</b> ART Make another set of bricks out of clay or playdough. Let them dry and then try building something.	<b>10</b> MATH Build a structure with blocks. How many blocks did you use?	<b>11</b> Write or draw about what you learned this week. Draw a building and note what tools you would use to make it
<b>12</b> Comparisons READ <b>Big bug</b> by Henry Cole	<b>13</b> SCIENCE Set up an experiment that uses time, like waiting for water to freeze or forming salt crystals	<b>14</b> TECHNOLOGY Find some things we use to measure time and distance. Take turns using them.	<b>15</b> ENGINEERING Build your own sundial	<b>16</b> ART Draw pictures of what other people are doing right now in different places on earth.	<b>17</b> MATH Get a box of misc. things and compare them. Which thing is biggest? Which is smallest?	<b>18</b> Write or draw about what you learned this week. Practice using a clock to tell time.
<b>19</b> Construction READ <b>Construction</b> by Sally Sutton	<b>20</b> SCIENCE Find a construction site and watch the workers. Are they using science to build something?	<b>21</b> TECHNOLOGY Practice using tools like a shovel and rake in your backyard	<b>22</b> ENGINEERING Build something out of Legos. Will it bear weight? How much?	<b>23</b> ART Draw a picture of a construction site	<b>24</b> MATH How do construction workers use math? Can you use math to build something?	<b>25</b> Write or draw about what you learned this week. Visit the library to use our building materials like magnetiles.
<b>26</b> Shapes READ <b>Shape shift</b> by Joyce Hesselberth	<b>27</b> SCIENCE Make a list of the ways you can recognize a shape and then find all the shapes you can.	<b>28</b> TECHNOLOGY Read <b>Pug blasts off</b> . What kind of technology is needed to make a rocket?	<b>29</b> ENGINEERING Make your own rocket <a href="http://spaceplace.nasa.gov/pop-rocket/en/">spaceplace.nasa.gov/pop-rocket/en/</a>	<b>30</b> ART Cut out shapes and put them together to make a picture of a rocket.	Celebrate National Library Week all month long by learning about STEAM at your library. Try incorporating science experiences into your favorite fiction books from authors like Eric Carle and Lois Ehlert or favorite characters like Fancy Nancy or the Pigeon	



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