

# July 2021 STEAM Ideas

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Whether it's hot or cold, wet or dry, there are lots of outdoor activities you can do in the summer. Outdoor activities and exploration build STEAM skills and knowledge and you can find lots of ideas at the library, in books, in online databases, and during programs, to help you and your kids get outdoors and get active!				<b>1</b> <b>ART</b> Experiment with milk painting <a href="https://babbledabbledo.com/science-art-for-kids-marbled-milk-paper/">https://babbledabbledo.com/science-art-for-kids-marbled-milk-paper/</a>	<b>2</b> <b>MATH</b> Practice fine motor skills and measuring with measuring cups and droppers	<b>3</b> Write or draw about what you learned this week.
<b>4</b> <b>READ</b> <b>Super simple things to do with bubbles : fun and easy science for kids</b> by Kelly Doudna	<b>5</b> <b>SCIENCE</b> Try different kinds of soap and bubble solution to blow bubbles. Track your results.	<b>6</b> <b>TECHNOLOGY</b> Use wire coat hangers to make different shapes of bubble wands.	<b>7</b> <b>ENGINEERING</b> Skewer balloons with-out popping them! <a href="http://www.stevespanglerscience.com/lab/experiments/skewer-through-balloon/">www.stevespanglerscience.com/lab/experiments/skewer-through-balloon/</a>	<b>8</b> <b>ART</b> Make art with paint bubbles <a href="https://typicallysimple.com/bubble-painting/">https://typicallysimple.com/bubble-painting/</a>	<b>9</b> <b>MATH</b> Pretend you are saving the world from the evil bubbles by popping them. Count out loud the bubbles as you pop.	<b>10</b> Write or draw about what you learned this week.
<b>11</b> <b>READ</b> <b>Bring me some apples and I'll make you a pie</b> by Robbin Gourley	<b>12</b> <b>SCIENCE</b> Experiment with kitchen ingredients. Mix vinegar & baking soda, salt & sugar, and see what happens.	<b>13</b> <b>TECHNOLOGY</b> Use a kitchen tool, like an egg beater or stove, to cook something	<b>14</b> <b>ENGINEERING</b> Complete an egg drop challenge	<b>15</b> <b>ART</b> Look for things in nature that you can make dyes, paint, or other art supplies with.	<b>16</b> <b>MATH</b> Do the math needed to double or halve a recipe	<b>17</b> Write or draw about what you learned this week.
<b>18</b> <b>READ</b> <b>Gravity is a mystery</b> by Franklyn Branley	<b>19</b> <b>SCIENCE</b> Make a number of different weights using clay, dirt, rocks, or toys.	<b>20</b> <b>TECHNOLOGY</b> Make your own (toy) parachutes for the weights and experiment with them from a step, wall, or ladder.	<b>21</b> <b>ENGINEERING</b> Experiment with paper airplanes. Check out books from the library to refine your design. Try adding your weights.	<b>22</b> <b>ART</b> Walking water science <a href="https://funlearninforforkids.com/rainbow-walking-water-science-experiment-kids/">https://funlearninforforkids.com/rainbow-walking-water-science-experiment-kids/</a>	<b>23</b> <b>MATH</b> Compare your experiments from earlier this week and make a graph of your findings.	<b>24</b> Write or draw about what you learned this week.
<b>25</b> <b>READ</b> <b>If you had your birthday party on the moon</b> by Joyce Lapin	<b>26</b> <b>SCIENCE</b> Make ice sculpture planets. Freeze plastic cups of ice, then trickle salt and warm water to melt them into shapes.	<b>27</b> <b>TECHNOLOGY</b> Watch the <a href="#">NASA video "Life at the Lab"</a> on YouTube	<b>28</b> <b>ENGINEERING</b> Build your own spacecraft. For ideas look at <a href="https://spaceplace.nasa.gov/build-a-spacecraft/en/">https://spaceplace.nasa.gov/build-a-spacecraft/en/</a>	<b>29</b> <b>ART</b> Print out & color some planet coloring sheets from NASA <a href="https://spaceplace.nasa.gov/coloring-pages/en/">https://spaceplace.nasa.gov/coloring-pages/en/</a>	<b>30</b> <b>MATH</b> Make Oreo moon phases <a href="https://spaceplace.nasa.gov/oreo-moon/en/">https://spaceplace.nasa.gov/oreo-moon/en/</a>	<b>31</b> Write or draw about what you learned this week.



**Attleboro Public Library**

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