

# October 2021 STEAM Ideas

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<p>This is a good time to collect sticks, acorns, pine cones, and other natural wonders to play with and investigate indoors all winter long.</p>			<p><b>1</b> <b>MATH</b> Measure the ingredients for pancakes.</p>	<p><b>2</b> Write or draw about what you learned this week.</p>
<p><b>3</b> <b>READ</b> <b>Summer green to autumn gold : uncovering leaves' hidden colors</b> by Mia Posada,</p>	<p><b>4</b> <b>SCIENCE</b> Experiment with leaves to find out what color they will turn <a href="https://tinyurl.com/y44duux8">https://tinyurl.com/y44duux8</a></p>	<p><b>5</b> <b>TECHNOLOGY</b> Use scissors to cut out your own leaf patterns.</p>	<p><b>6</b> <b>ENGINEERING</b> Build a nest of leaves. How can you make them stick together?</p>	<p><b>7</b> <b>ART</b> Make leaf rubbings</p>	<p><b>8</b> <b>MATH</b> Collect different leaves and compare them. How many shapes are the same? Are they symmetrical?</p>	<p><b>9</b> Write or draw about what you learned this week. Take a walk and observe the leaves on the trees.</p>
<p><b>10</b> <b>READ</b> <b>From seed to pumpkin</b> by Wendy Pfeffer</p>	<p><b>11</b> <b>SCIENCE</b> Cook a pumpkin and observe how the texture and flavor changes from raw pumpkin.</p>	<p><b>12</b> <b>TECHNOLOGY</b> With an adult's help, use different tools to carve a pumpkin. Which works best?</p>	<p><b>13</b> <b>ENGINEERING</b> Design a face for your pumpkin and use the best tool from yesterday to create your design.</p>	<p><b>14</b> <b>ART</b> Use mini pumpkins to make prints with paint..</p>	<p><b>15</b> <b>MATH</b> Count all the seeds in a pumpkin</p>	<p><b>16</b> Visit a pumpkin patch and observe how they grow in the fields.</p>
<p><b>17</b> <b>READ</b> <b>Once upon a slime</b> by Andy Maxwell</p>	<p><b>18</b> <b>SCIENCE</b> Make four different kinds of slime <a href="https://littlebinsforlittlehands.com/homemade-slime-recipe/">https://littlebinsforlittlehands.com/homemade-slime-recipe/</a></p>	<p><b>19</b> <b>TECHNOLOGY</b> Make your own bouncy ball with slime <a href="https://tinyurl.com/y2sodbya">https://tinyurl.com/y2sodbya</a></p>	<p><b>20</b> <b>ENGINEERING</b> Can you make slime tough enough to build a structure? Experiment and find out!</p>	<p><b>21</b> <b>ART</b> Try mixing glitter, paint, and other things with your slime and see what happens.</p>	<p><b>22</b> <b>MATH</b> Follow the directions to make slime, counting all your measurements carefully.</p>	<p><b>23</b> Take a walk and see if you can find any natural slimes, like slugs or fungus.</p>
<p><b>24</b> <b>READ</b> <b>From wheat to bread</b> by Stacy TausBolstad</p>	<p><b>25</b> <b>SCIENCE</b> Mix up a simple bread recipe and watch the chemical reaction as the bread rises</p>	<p><b>26</b> <b>TECHNOLOGY</b> How would bread bake differently in different ovens? Look at videos online.</p>	<p><b>27</b> <b>ENGINEERING</b> Build a better oven! How would you make the best oven to cook bread in?</p>	<p><b>28</b> <b>ART</b> Roll your dough into snakes and make pretzels, rolls, and other fun shapes..</p>	<p><b>29</b> <b>MATH</b> Try measuring different amounts of yeast in your bread. Does it change the bread?</p>	<p><b>30</b> Try baking something outside.</p>