

# September 2021 STEAM Ideas

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Fall is here and it's a great time to learn about why seasons change. Take the time to go on a walk and talk about the changes you see, touch, smell, and even taste in fall, including changes in animal behavior, weather, and plants.		<b>1</b> ENGINEERING Build a squirrel feeder.	<b>2</b> ART Draw pictures of squirrels. What are they doing?	<b>3</b> MATH Spend ten minutes observing squirrels. How many do you see? What different sizes?	<b>4</b> Write or draw about what you learned this week. Take a walk and see what else you can observe about squirrels.	
<b>5</b> BIRDS Read-- <b>All the birds in the world</b> by David Opie.	<b>6</b> SCIENCE Check out the Bird Watching MOBY pack from the Attleboro Library	<b>7</b> TECHNOLOGY Use scissors to cut feathers out of paper. ( <a href="https://www.youtube.com/watch?v=U8tD8dLsUp8">www.youtube.com/watch?v=U8tD8dLsUp8</a> )	<b>8</b> ENGINEERING Make a bird out of paper (instructions <a href="http://www.mombrite.com/paper-bird-craft/">www.mombrite.com/paper-bird-craft/</a> )	<b>9</b> ART Draw pictures of birds	<b>10</b> MATH Spend ten minutes watching a birdfeeder. Count how many birds and make a graph of which kinds you see.	<b>11</b> Write or draw about what you learned this week. Take a walk and see what else you can observe about birds.
<b>12</b> APPLES Read-- <b>From shoot to apple</b> by Stacy Taus-Bolstad	<b>13</b> SCIENCE Draw the life cycle of an apple tree.	<b>14</b> TECHNOLOGY Read <b>From apple trees to cider please</b> by Felicia Chernesky and learn about how cider is made.	<b>15</b> ENGINEERING Build something with chunks of apple and toothpicks.	<b>16</b> ART Use an apple to make paint prints	<b>17</b> MATH Cut apples in half horizontally, vertically, and at an angle. How does the pattern of seeds change?	<b>18</b> Write or draw about what you learned this week. Visit an apple orchard or take a walk and look for fruit on the trees.
<b>19</b> ELECTRICITY Read-- <b>The magic school bus and the electric field trip</b> by Joanna Cole	<b>20</b> SCIENCE Conduct 2 simple static electricity experiments ( <a href="https://frugalfun4boys.com/easy-static-electricity-science-experiments/">frugalfun4boys.com/easy-static-electricity-science-experiments/</a> )	<b>21</b> TECHNOLOGY Make a potato battery.	<b>22</b> ENGINEERING Look at this website <a href="https://electrical-engineering-activities-children.html">electrical-engineering-activities-children.html</a> and do some of the activities	<b>23</b> ART Use sidewalk chalk to make shadow drawings <a href="https://rhythmsofplay.com/shadow-art-outdoor-science/">https://rhythmsofplay.com/shadow-art-outdoor-science/</a>	<b>24</b> MATH Count all the things in your house that use electricity. If you have a meter, talk about how electricity is measured.	<b>25</b> Write or draw about what you learned this week. Take a walk and see how many things use electricity.
<b>26</b> PANCAKES Read-- <b>Pancakes, pancakes!</b> by Eric Carle	<b>27</b> SCIENCE Make a batch of pancakes. Talk about how the different ingredients interact.	<b>28</b> TECHNOLOGY How does your stove work? Watch a YouTube video to find out.	<b>29</b> ENGINEERING Watch this engineering experiment with pan-cake batter <a href="https://tinyurl.com/yd28ebm5">https://tinyurl.com/yd28ebm5</a>	<b>30</b> ART Draw pictures with pancake batter. Can you make animals? Faces?	As you get ready for the fall weather, don't forget STEAM! Check out books with indoor experiments, bundle up for outdoor walks, and talk about previous autumns!	