

January 2021 STEAM Ideas

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
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|  | <p>What's your New Year's resolution? Try doing a STEAM project every day. It can be as simple as taking a walk outdoors, splashing in the bathtub, or helping to make dinner. When you take a walk, talk about what you see. When you splash in the bathtub, see what floats and what sinks. When you help with dinner, talk about how ingredients combine. Add a little science every day and help kids learn about their world and follow their curiosity.</p> | | | | | |
| <p>3 READ Mixed: a colorful story by Arree Chung</p> | <p>4 SCIENCE Mix different colors together How do the colors change?</p> | <p>5 TECHNOLOGY Make a nature notebook for your observations this year. Staple or sew together scratch paper. You can make one for each month!</p> | <p>6 ENGINEERING Build a structure with blocks in different colors. Are some colored blocks stronger than others? Or are they the same?</p> | <p>7 ART Paint a picture using different colors. Which colors do you like to put together?</p> | <p>8 MATH Count the things you see outside in different colors. Make a graph. How many green things, brown things, red things, etc. did you see?</p> | <p>9 Write or draw about what you learned this week. Make sure to label all the colors you see and use!</p> |
| <p>10 READ Are You Ready For Winter? by Shelia Anderson</p> | <p>11 SCIENCE Research five favorite animals. Do they hibernate or go dormant? Do they live through drought or winter?</p> | <p>12 TECHNOLOGY What do you sleep on? How is it made and what is it made out of?</p> | <p>13 ENGINEERING How is your house or school kept warm? Learn about how your heating system works.</p> | <p>14 ART Draw pictures of how different animals hibernate.</p> | <p>15 MATH Look at a calendar and see how many days the animals in the book are dormant or hibernating.</p> | <p>16 Write or draw about what you learned this week. Look for animals outside—what are they doing in the winter?</p> |
| <p>17 READ Three Bears In A Boat by David Soman</p> | <p>18 SCIENCE What would a perfect place for a bear to live look like? Make a list of all the things they will need.</p> | <p>19 TECHNOLOGY Watch kids.nation Geographic.com/animals/mammals/brown-bear/ to learn about Brown Bears</p> | <p>20 ENGINEERING A bear has very strong jaws. Make your own "bear jaws" with clothes pins or binder clips and test them out.</p> | <p>21 ART Make fuzzy bears with cotton balls or stuffing.</p> | <p>22 MATH Count how many different things a bear eats. How many different things do you eat?</p> | <p>23 Write or draw about what you learned this week. Look for places a bear would like when you're outside. What makes a good bear den?</p> |
| <p>24 READ I'm Cool! by Kate McMullan</p> | <p>25 SCIENCE Fill a balloon with water and put it outside to freeze. What happens?</p> | <p>26 TECHNOLOGY What machines do you see in winter? Learn about how they work.</p> | <p>27 ENGINEERING Try building something with ice; collect branches, rocks, and pour water around them. Do they freeze together?</p> | <p>28 ART Put colored water outside to freeze. Draw with it and see what happens.</p> | <p>29 MATH Put different liquids outside and time how long it takes them to freeze. Try salt water, regular water, and oil.</p> | <p>30 Visit some ice, like a skating rink or a frozen lake.</p> |

January

Special Events

Call the Children's Room at 508-222-7820 or email us at attleborokids@sailsinc.org with any questions or to register for any of these FREE events

Wednesdays in January @3:00

Virtual Storytime With Mrs. Brown

Join Mrs. Brown on the Attleboro Library Facebook Live page every Wednesday in January for stories, songs & fun! No need to register, just hop online and get ready for some of Mrs. Brown favorites stories!

Tuesday 1/19/2021- Friday 1/22/2021

Take & Make Craft Kit for AGES 3-7: Snowflakes with Cotton Swabs

Have fun creating your own snowflake design with just cotton swabs & glue! To reserve a kit, please email attleborokids@sailsinc.org or call 508-222-7820. Available only while supplies last.

Tuesday 1/19/2021-Friday 1/22/2021

15 Minute Science Experiment Take Home Kit: Snowball Launcher

This experiment is geared toward families with kids ages 3 & up. Winter physics and STEAM! Get the kids designing, engineering, testing and exploring physics with easy to make indoor snowball launcher winter STEAM activity! Try this inexpensive STEAM activity for a stuck inside kind of day. To reserve a kit, please email attleborokids@sailsinc.org or call 508-222-7820. Available only while supplies last.

Monday 1/25/2021-Friday 1/29/2021

Take & Make Craft for GRADES 3-12

This month our Take and Make Craft for GRADES 3-12 is Wintery Tumblers! Kits will include the supplies to decorate a plastic tumbler with cover & straw. Supplies will include, pre-cut vinyl decals, and a clear plastic tumbler, cover & straw. To reserve a kit please email attleborokids@sailsinc.org. or call 508-222-7820. While supplies last, supplies are limited.

Tuesday 1/29/2021 3:30pm-4:15pm

Diary of a Wimpy Kid FANDOM Virtual Program for GRADES 2-8

Are you a fan of the Diary of a Wimpy Kid book series by Jeff Kinney? Then this program is for you! Join Mrs. Brown & Mrs. Witherell for an afternoon filled with virtual trivia, games, art and more, all based on the beloved series! Registration required to join. To register please visit attleborolibrary.org or call 508-222-7820.



Attleboro Public Library

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attleborolibrary.org