

December 2020 STEAM Ideas

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
	<p>We encourage you to check out the Library for virtual events and resources, borrow free books and other materials, and enjoy learning new things with your children.</p> <p>We hope you have enjoyed these simple activities to help caregivers, parents, and teachers foster interest in STEAM in young children.</p>					
6 READ Ball and balloon by Rob Sanders	7 SCIENCE Try experiments from Super simple things to do with balloons by Kelly Doudna	8 TECHNOLOGY Experiment with static electricity and balloons	9 ENGINEERING Blow up balloons, attach a basket, and drop them off a ladder. Put different things in the basket and see how fast it falls.	10 ART If the weather is cold enough, make frozen balloon art https://tinyurl.com/y3de74fy	11 MATH Try some of these bal-loon math activities https://www.coffee-cupsandcrayons.com/balloon-math-activities/	12 Write or draw about what you learned this week. Take a balloon on your weekly walk and see what happens in the cold weather!
13 READ What to do with a string by Jane Yolen	14 SCIENCE Get different kinds of string. Tie them to something heavy. Do they break?	15 TECHNOLOGY Get pieces of yarn, twine, and cotton string. Unwind the individual fibers and see how many pieces are there.	16 ENGINEERING Do a pendulum experiment teachengineer.org/activities/view/cub_pend_less_on01_activity1	17 ART Make string art thehomesihavemade.com/2018/12/easy-diy-string-art-gift-idea/	18 MATH Cut and measure pieces of string. Line them up in order of length. Can you join some together? Measure them again.	19 Write or draw about what you learned this week. Go on a walk and look for how string and rope is being used.
20 READ The double bass blues by Andrea Loney	21 SCIENCE Do an experiment from Science Experiments with sight and sound by Alex Kuskowski	22 TECHNOLOGY Make a pan flute with straws. https://www.ada-bofgluewilldo.com/pan-flute/	23 ENGINEERING Make a harmonica with craft sticks. frugalfun4boys.com/sound-science-kids-make-craft-stick-harmonica/	24 ART Listen to music and draw what you hear	25 MATH Sing "This Old Man". This simple song incorporates many basic math skills, including sequencing, counting & addition	26 Write or draw about what you learned this week. Go on a walk and listen for different sounds.
27 READ Into the snow by Yuki Kaneko	28 SCIENCE Check out one of the Snow themed MOBY kits from the Attleboro Library	29 TECHNOLOGY Use a microscope to look at snowflakes.	30 ENGINEERING Build something out of snow.	31 ART Use squirt bottles to draw in the snow. OR Use white chalk to make a snowy picture		

December

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

Monday 12/7/2020-Friday 12/11/2020

Take & Make Craft for ages 3-7 years

Winter Wreath! Kits will include the supplies to make a decorative winter wreath that can be left up all season!

Registration for supplies is required for each craft you would like to make, limited quantities are available and will be reserved for those who have registered. Once your registration has been confirmed, library staff will work with participants to set up a time to pick up their craft kit. Craft kits can be picked up at the library Monday-Friday during the week that craft is featured.

Monday 12/14/2020-Friday 12/18/2020

Take & Make Craft for Grades 3-12

Bookpage Baubles! Kits will include the supplies to make a decorative book page bauble. Kids can make their "bauble" and use it as an ornament for the Christmas tree or a fun decorative piece for any space in the home!

Registration for supplies is required for each craft you would like to make, limited quantities are available and will be reserved for those who have registered. Once your registration has been confirmed, library staff will work with participants to set up a time to pick up their craft kit. Craft kits can be picked up at the library Monday-Friday during the week that craft is featured.

Monday 12/21/2020-Wednesday 12/23/2020

15-minute STEAM Activity for ages 3 years+

Growing Crystals! In this experiment we will make two different supersaturated solutions to create beautiful crystal winter decorations.

Registration for materials is required for each experiment you would like to try, limited quantities are available and will be reserved for those who have registered. Once your registration has been confirmed, library staff will work with participants to set up a time to pick up their experiment materials through scheduled Curbside Pick-up. Science materials can be picked up at the library during the week that experiment is featured.

Wednesday 12/30/2020 | 6:00pm

Virtual Family Trivia

Join us for low-key trivia! Participants will write their answers on paper and share with the group when prompted, paper and marker will be needed to participate. Registration is required to obtain the meeting link. Registration is required to obtain the meeting link



Attleboro Public Library

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attleborolibrary.org