

April 2021 STEAM Ideas

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Celebrate National Library Week all month long by learning about STEAM at your library. Check out MOBY packs, borrow books on science experiments, and incorporate STEAM experiences into favorite stories like Eric Carle (learn about insects), Mo Willems (Elephant and Piggie do lots of experiments), or Pete the Cat (counting and colors).				1 ART Draw all the shapes you know and make them different colors.	2 MATH Make tangrams out of cardboard and see what pictures you can make with them.	3 Write or draw about what you learned this week. Take a walk and look for shapes in nature and how they fit together.
4 READ Billions of Bricks by Kurt Cyrus	5 SCIENCE Make your own bricks with mud, ice cube trays, and other natural materials (straw, dry leaves and grass, etc.)	6 TECHNOLOGY What tools do you need to make bricks?	7 ENGINEERING Build a structure with your bricks. Does it stay up?	8 ART Make another set of bricks out of clay or playdough. Let them dry and then try building something.	9 MATH Build a structure with blocks. How many blocks did you use?	10 Write or draw about what you learned this week. Draw a building and note what tools you would use to make it.
11 READ Time by Penny Dowdy	12 SCIENCE Set up an experiment that uses time, like waiting for water to freeze or forming salt crystals.	13 TECHNOLOGY Learn about tools we use to measure time	14 ENGINEERING Build your own sundial	15 ART Draw pictures of what other people are doing right now in different places on earth.	16 MATH Practice using a clock to tell time.	17 Write or draw about what you learned this week.
18 READ How A House Is Built by Gail Gibbons	19 SCIENCE Find a construction site and watch the workers. Are they using science to build something?	20 TECHNOLOGY Practice using tools like a shovel and rake in your backyard or at school..	21 ENGINEERING Build something out of Legos. Will it bear weight? How much?	22 ART Draw a picture of a construction site.	23 MATH How do construction workers use math? Can you use math to build something?	24 Write or draw about what you learned this week. Borrow building materials from the library like Lego or magnetiles.
25 READ A trapezoid is not a dinosaur by Sue Morris	26 SCIENCE Make a list of the ways you can recognize a shape and then find all the shapes you can.	27 TECHNOLOGY Read If you had your birthday party on the Moon by Joyce Lapin What kind of technology is needed to make a rocket?	28 ENGINEERING Make your own rocket https://spaceplance.nasa.gov/pop-rocket/en/	29 ART Cut out shapes and put them together to make a picture of a rocket.	30 MATH Count all the different shapes you can find in our stories.	Look for outdoor science books in the juvenile non-fiction J 507.