Sunday, November 8, is National STEM Day!

Why November 8th? Because it's a play on the word innovate-NOV8.

Why have a National STEM/STEAM Day? The day inspires kids to explore and pursue their interests in Science, Technology, Engineering, Art, and Math. STEM occupations are projected to grow over two times faster than the total for all occupations in the next decade according to the U.S. Labor Department .

Take a bit of time with your family on Sunday, November 8 to try some of these STEM Day Activities. Post your pictures or video using the hashtag #StJP2STREAM

STEM Day Activities 2026

Scoop up one cup of random LEGO bricks and use it to make a new kind of animal.
Use pipe cleaners to make a new kind of bubble wand.
Design a domino chain reaction that forms a shape and climbs up a pile of books..
Use aluminum foil and a ping pong ball to create a way to play catch without using your hands.
Choose between construction paper, copy paper, newspaper, or tissue paper and make a paper airplane that can fly through a hula hoop from 8 feet away.
Find a new use for a cardboard tube. You can use scissors, masking tape, crayons, and other supplies.
Find a new use for a cardboard box. You can use scissors, masking tape, and crayons too.
Use newspaper and masking tape to make a shirt you can put on and take off again.
Use duct tape to design a new kind of water bottle carrier.
Design a kite that really flies using a plastic grocery bag, drinking straws, string, and scotch tape.
Build a pyramid of 10 plastic cups without touching the cups with your hands. You can use 3 rubber bands and 5 one-foot pieces of string.
Build the tallest possible tower that supports the weight of a book using ONLY 10 index cards. You may bend or tear the cards however you like, but you ***cannot*** use scissors, glue, or other tools.
Use scissors to cut a paper plate in a way that makes it stretch out as long as possible.
Construct a catapult from wood craft sticks and rubber bands that can accurately launch a marshmallow through a hoop.
Make a working jump rope from two plastic grocery store bags and 12 inches of duct tape.
Create a musical instrument using supplies like index cards, paper clips, tape, rubber bands, plastic straws, etc.