

# STEM ACTIVITIES FOR PRESCHOOLERS

**Go on a nature walk.** A nature walk can be a great outdoor STEM activity for children. Encourage your child to collect interesting objects she sees like small round stones, leaves, seed pods, or flowers. When you get home, help her sort her treasures into categories, such as color, texture, size, and shape. Skills used: maths and science.



**Do a cooking activity together.** Cooking with children is another way to engage kids in learning at home. Look up a recipe together online. Follow the recipe letting your child help measure and mix. Skills used: science, technology, and maths



**Build ramps to test which cars, balls, or marbles go the fastest.** Use a board, sheet of cardboard, or small table with one side elevated to make a ramp. Try rolling a variety of objects, two at a time down the ramp to see which is fastest. Record your findings on a chart. Skills used: engineering and maths

**Set up building activities with paper or plastic cups.** Give a challenge such as, "How high can you make a tower of cups?" Measure each tower and record their height. Skills used: engineering and maths



**Explore your local food shop.** With your child, purchase some fruits and vegetables that you have never tried before. Before cutting up the fruits and vegetables, have your child predict what will be inside. Then, with careful supervision, have your child help you cut up small pieces to try. Invite your family members to a tasting party. Make a graph that shows

everyone's favourites. Skills used: science and maths

**Play with water.** Water is a rich STEM material and water play activities is a great way to engage kids. Provide a basin of water outside so you don't have to worry about spills. Provide tools to experiment with like a turkey baster, empty dish detergent bottles, plastic measuring cups, etc. to fill and compare. Skills used: maths and science

