

STEM at HOME Menu #1

Read a Book

What was the problem in the story?
Build something to help solve the problem.

Create a Game

Use recyclables to design your own game. Create rules for your game and teach your family how to play.

Design a Futuristic Phone

Create a blueprint of a futuristic phone design. What can your phone do?

Draw a Map of your Home

Label each room in your house. Measure the length and width of each room and add them to your map.

Make a Boat

Build a boat out of tin foil. Set your boat in a tub of water and see how much weight it can hold.

Create a Dance

Come up with dance moves to your favorite song. Record your dance.

Create a Kite

Use materials that you have at home to design a kite. Does your kite fly?

Build a Catapult

Use popsicle sticks, a spoon, and rubber bands to design a catapult. How far can your catapult launch an object?

Design an Amusement Park

Use paper, scissors and tape to design a new amusement park.

Build a Bridge

Use materials you have at home to build a bridge. How tall is your bridge? How much weight can it hold?

Create an Obstacle Course

Plan out your obstacle course on paper. Time how long it takes you to complete your course.

Design a Pair of Glasses

Use materials you have at home to design a stylish pair of glasses.

This week I did _____ activities!

STEM at HOME Menu #2

Build a Fort

Use blankets and chairs to build.
When you finish read a book inside your fort.

Create a Musical Instrument

Use recyclables to design a musical instrument. Test your instrument to see if it makes a sound.

Make a Book Trailer

Pretend that your favorite book is going to be made into a movie. Create a video trailer to advertise the movie.

Design a Playground

Use paper, scissors and tape to design a new playground.

Make Slime

Mix one 5 oz bottle of glue with 1.5 Tbs of baking soda. Then add 3 Tbs of contact solution.

Plan a Meal For Your Family

Use newspaper ads to plan a meal for your family. Make a grocery list and figure out how much your meal will cost.

Design a Marble Run

Use paper plates, toilet paper rolls, scissors and tape to design a marble run.

Become a Weather Forecaster

Record the weather each day this week. Use your data to make predictions about the weather next week.

Invent a New Toy

Use cardboard and tape to design a new toy.

Make Shadow Puppets

Create shadow puppets using paper, tape, and popsicle sticks. Turn the lights off and use a flashlight to test your shadow puppets.

Create a Flower Pot

Use recyclable materials to design a flower pot.

Design a Bird Nest

Use materials you find outside to design a nest for a bird.

This week I did _____ activities!

STEM at HOME Menu #3

Build Something with Blocks or Legos

When you finish write out the steps that someone would need to follow in order to recreate your design.

Create a Birdhouse

Use recyclables and tape or glue to design a birdhouse.

Build a House

Use cardboard, paper, scissors, and tape to build a house. Can you design furniture for your house?

Read a Book

Draw pictures to create the sequence of events in the story.

Design a Pair of Shoes

Use paper, scissors, and tape to design a new pair of shoes. Can you wear your shoes?

Build a Raft

Build a raft out of straws and tape. Set your raft in a tub of water and see how much weight it can hold.

Upcycle a Plastic Bag

What can you make out of a plastic bag and other materials that you have at home?

Make a Tower

Build a tower out of plastic cups or cans. How tall is your tower?

Build a Paper Airplane

Test your airplane and measure how far it flies.

Design a Basketball Goal

Use materials you have at home to design a basketball goal.

Do an Experiment

Mix together baking soda and vinegar. What happens?

Create a New Type of Technology

Design a blueprint for a new type of technology. What does your technology do?

This week I did _____ activities!