

# 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 a Bird House

Use recyclables and tape or glue to design a bird house.

## 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 Bird House**

Use recyclables and tape or glue to design a bird house.

## **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!

Carly and Adam



## ABOUT US

Carly is a 3rd grade teacher in Indianapolis, Indiana. Her professional experience includes: 2nd, 3rd, and 6th grades, both private school and public schools.

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