

# EASTER CHALLENGES

STEM CARDS FOR KIDS. PRINT | CUT | ENJOY

## Easter STEM Ideas

### STEM CHALLENGE #1 Build Egg Towers

Gather up your plastic eggs! How high can you stack the plastic egg halves. Can you stack the whole egg? Measure your towers.

## Easter STEM Ideas

### STEM CHALLENGE #2 Egg Drop Challenge

Take the classic egg drop challenge. Can you drop an egg without it breaking? Pick a height and use materials you have on hand.

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### STEM CHALLENGE #3 Jelly Bean Structures

What can you build with jelly beans and toothpicks? Can you build a nest for a Peeps bird? How about a basket?

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### STEM CHALLENGE #4 Rubber Egg

Can you make an egg bounce. Use vinegar, a cup, and an egg to make a rubber egg. Make it an experiment by using another item like a lime that also has a "shell"

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### STEM CHALLENGE #5 Plastic Egg Eruptions

Fill the halves of plastic eggs with a tablespoon of baking soda. Use colored vinegar to make mini eruptions with an eyedropper.

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### STEM CHALLENGE #6 Egg Catapult

Use materials on hand to build a catapult that will launch a small plastic egg! How far does it go? What happens if you put an object inside an egg?

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### STEM CHALLENGE #7 Plastic Egg Races

How well do eggs roll? Try racing plastic eggs down ramps at different angles. What happens if you put an object inside the egg?

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### STEM CHALLENGE #8 Easter Slime

In a bowl mix 1/2 cup of white glue and 1/2 cup water. Add food coloring. Mix in 1/2 liquid starch. Fill plastic eggs with slime!  
See the full recipe on our website.

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### STEM CHALLENGE #9 Egg Strength

How many books can you stack on top of a real egg? Use two bottle caps and a real egg to find out! Check out our photos.

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### STEM CHALLENGE #10 Paper Easter Basket

Can you design and build an Easter basket using only sheets of paper and tape? Fill it with plastic eggs!

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### STEM CHALLENGE #11 Easter Egg Puzzle

Cut out a large Easter egg shape. Cut your egg into different shapes. Can you put the pieces back together? What kind of shapes did you make?

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### STEM CHALLENGE #12 Build LEGO Eggs

Design and build your own 2D or 3D LEGO Easter eggs. Can you build a basket full?

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### STEM CHALLENGE #13 Spinning Eggs

Can you spin a plastic egg like a top? What happens? Add different amounts of play dough to the eggs and see what happens?

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### STEM CHALLENGE #14 Sink or Float

Does a real egg sink or float? Learn about salt water density and make your egg float!

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### STEM CHALLENGE #15 Balloon Powered Egg Car

Build a balloon powered car to hold a plastic egg. How far can you get it to go? Can you keep the egg from falling off?

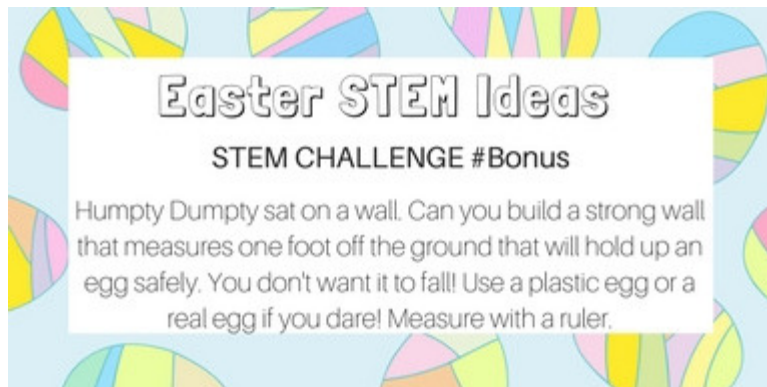
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### STEM CHALLENGE #16 Egg Shell Seed Science

Carefully save and rinse out eggshells. Plant a seed in each one. You will be checking the seed's growth every so many days by cracking open the rest of the shell. We have photos for you to check out.

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## Helpful hints and tips!

For most of these Easter challenge card activities, we have a corresponding post. Otherwise, they can be left up to your kids imagination, creativity and curiosity!

Helpful supplies to have on hand are vinegar, baking soda, Elmer's white washable school glue, food coloring, liquid starch, popsicle sticks, bottle caps, rubber bands, play dough, paper, tape, plastic eggs, cardboard and other recycled materials, tape measure, and real eggs

This may seem like quite a few things but you probably have most of the items on hand. I will also link to products we use. Remember, you can also pick just a few challenges to try that fit your needs better!

A must try Easter challenge card is the egg drop activity. It's a classic Easter activity for kids and families.

Have fun designing, experimenting, building, and exploring STEM for Easter!