Explore. Create. Discover. Imagine.

STEAM BREAK

Simple STEM & STEAM activities for students to complete at home.

> DIGITAL: Divide & Conquer

Turn Spring Break into STEAM Break.

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STEAM BREAK is an opportunity for students to pick activities to complete at their home through building, creating, exploring, and designing.

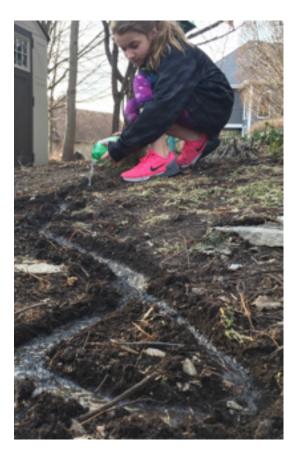
Students can choose from a variety of simple activities to complete. There are 27 different activities (in all) that vary from art, engineering, science, and more.

-Build-It Edition: Using household supplies and toys to build. -In the Yard: Get outside, create, build, and learn! -Get Artistic: Draw, paint, and create.

The <u>challenge</u> is to simply see how many activities your students can complete.

Use STEAM BREAK as a way to get kids outside and in the yard (or parks), away from the television/technology, school breaks, alternatives to homework, and just another way to get kids to practice expanding their imagination, problem solving skills, and creativity.

EXAMPLES OF STEAM BREAK





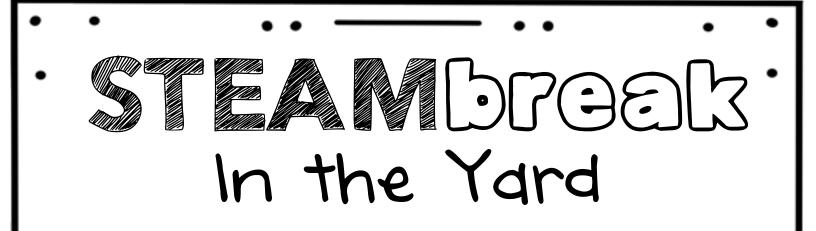




Build-It Edition

How many of these STEAM activities can you complete? Only use items that are already in your house!

Build a bridge that will fit between two objects	Design an arcade game out of cardboard.	Build a windmill that can spin around.
Create a racetrack and test it with different cars.	Make a diorama of a room in your house.	Build a working crane that can lift and move items.
Build a miniature treehouse.	Build a tower that can hold a tennis ball at the top.	Make a catapult that can throw marshmallows.



How many of these STEAM activities can you complete? Only use items that are already in and around your house.

Build a river. Run water down it to see how it works.	Build a log cabin out of sticks.	Bury a treasure. Create a map so someone can find it.
Build a miniature campsite using nature items.	Build tools using resources found in the yard.	Design a miniature pond. Build paper boats, a dock, and more.
Bug Hunt! Find at least 10 different bugs in your backyard.	Build a bird house or feeder	Find IO different types of plants and their leaves



How many of these STEAM activities can you complete? Only use items that are already in and round your house.

Design a mural on a driveway or sidewalk.	Create a collage that describes who you are.	Find a famous work of art. Recreate a mini-version of it on an index card.
Draw a self- portrait while looking in a mirror.	Paint or draw a picture using your opposite hand.	Draw a picture using only geometric shapes.
Paint a picture using only lots and lots of little dots.	Find leaves or rocks in your yard. Paint, color, or redesign them.	Create an animated flip book using post-it notes.

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IF YOU'RE LOOKING FOR SOMETHING TO ENGAGE STUDENTS, EXPAND THEIR THINKING, AND PUSH CREATIVITY--CHECK OUT MORE OF MY PBLS!

Project Based Learning Activities.





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