



# STAY-AT-HOME STEM CHALLENGES



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Use recycled materials to create a boat that can float in tub or sink.	Crush flowers in water or boil colourful vegetable scraps to see which ones make the best kind of paint or dye. Then make something awesome!	Build a paper structure out of tape and recycled paper or newspaper. Imaginary Bonus Points if it can hold a basketball!	Make an instrument and/or write a song.
Make a model of a playground structure. Imagine Bonus Points if it has at least one moving part!	Go outside and, using only natural materials, create a fairy house or the tallest structure you can!	Code on code.org, tynker.com, or Scratch.	Use powerpoint (or a similar program) to create a brochure about anything you'd like!
Collect toilet paper and paper towel rolls and make a track for marbles or another small ball.	Bake and decorate a cake or some fancy cookies.	Create a parachute or bungee-jumping apparatus for a stuffed animal or soft doll.	Recreate a theme park ride for yourself or a toy.
Build a fort using blankets, furniture, and sheets.	Make something out of clay or salt dough.	Create a Rube Goldberg perpetual motion machine. OR Use items around the house (that aren't dominos) like dominos. See how long you can make the chain last!	Turn an old piece of clothing into something new (ex. a bag, an outfit for a doll, etc.).
Make up your own challenge!			

# Terms and Conditions



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If you take pictures of this activity in-action, I'd love to see them! Tag me on Instagram @inquiringintermediates. To respect the privacy of your students, please do not include photos with their faces or identifying information. 😊

Clip art by Clip art by [Rossy's Jungle](#)

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