

# STEAM

## CHOICE BOARD

### STEAM Choice Board Activities

Put a layer of baking soda on a tray. Add drops of vinegar and watch what happens.	Search around you and draw a picture of at least five different living things that you find.	Grab a collection of ten different small items. Predict, and then test, which ones float and which sink.	Fill a sealable plastic bag with water. Insert pencils into the bag.	Put an apple into four pieces and put each piece in a sealable bag. Place one bag somewhere cold, warm, dark and in direct sunlight. Check on it daily. What happens?
Take apart an old computer or piece of technology. Ask an adult first.	Create a maze using blocks. Write a code to get from one end to the other.	Create a short stop animation film by making playdough characters and filming on a phone.	Find and watch a video online about how robots are made and how they work.	Create a path from one end of a room to the other. Use a remote control to travel through it.
Use only recycled materials to create a house for a small pretend animal.	Create a tower using only paper plates and paper towel rolls.	Make a small boat that floats and can hold at least 5 coins.	Create a bridge using plastic connecting blocks that is at least one foot long above the ground.	Make a ramp for a marble. Use cardboard and straws to create a path to the bottom.
Use crayon shavings to create a picture. On a hot day, set your picture outside and watch the sun melt the crayon into place.	Add water and food coloring to corn starch. Is it a liquid, solid or something else? Add extra water and paint with it. As you would sidewalk chalk.	Use chalk to draw a picture. Heat dip the chalk in water as you draw. What happens?	Use strips of paper and tape or glue to create your ideal roller coaster ride.	Put paint on a page and set magnetic marbles on the page as well. From below use a magnet wand to move the marbles through the paint.
Create a tower from caps and popcicle sticks and measure your tower.	Use playdough and toothpicks to create five 3D shapes.	Collect pairs of ten different items from nature. Create a symmetrical picture.	Use things from nature to create number plates up to 25.	Create a picture using only 2D shapes.

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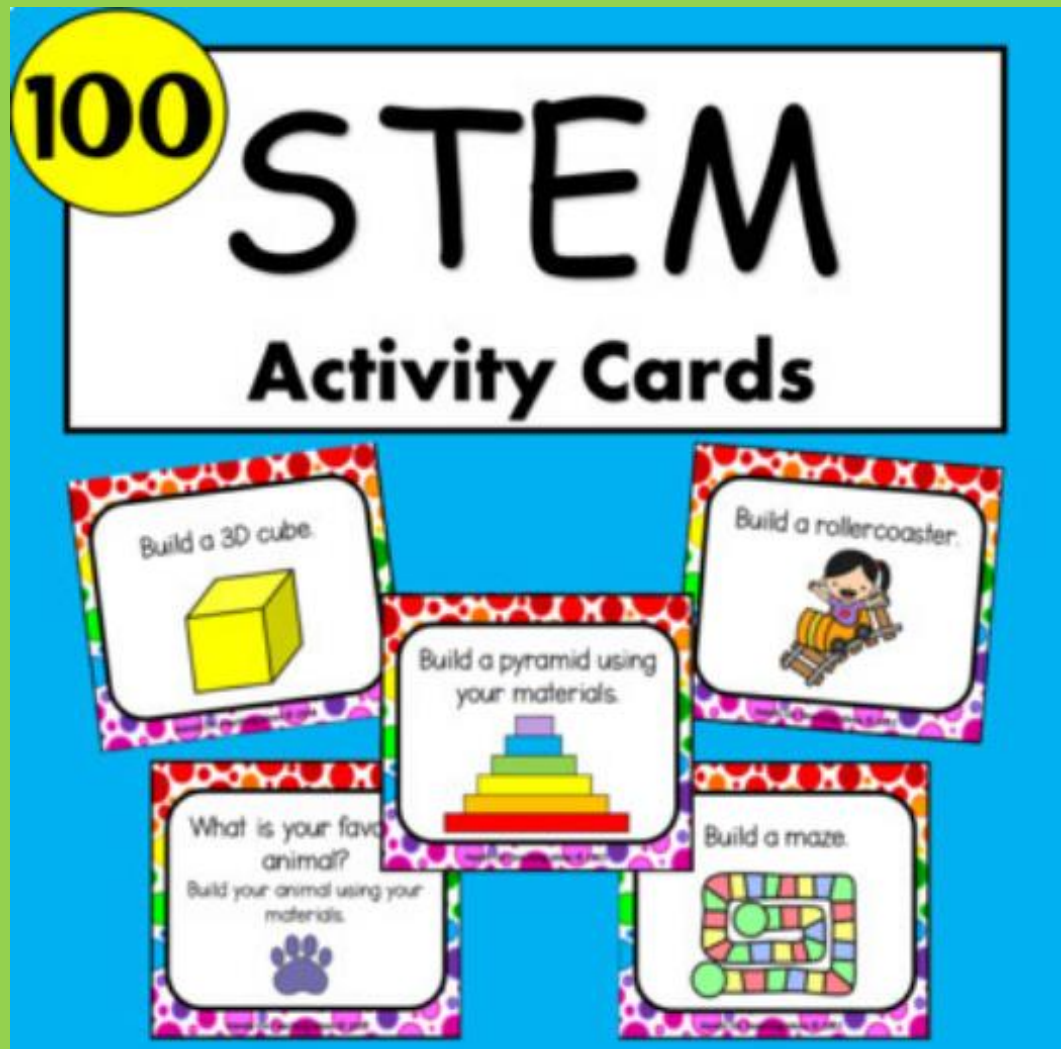
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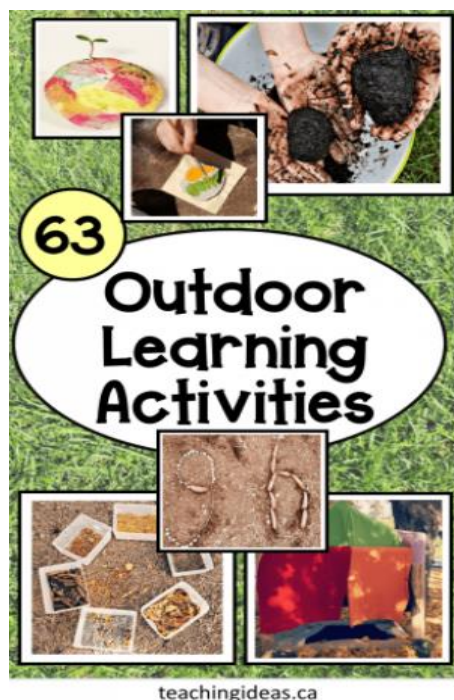
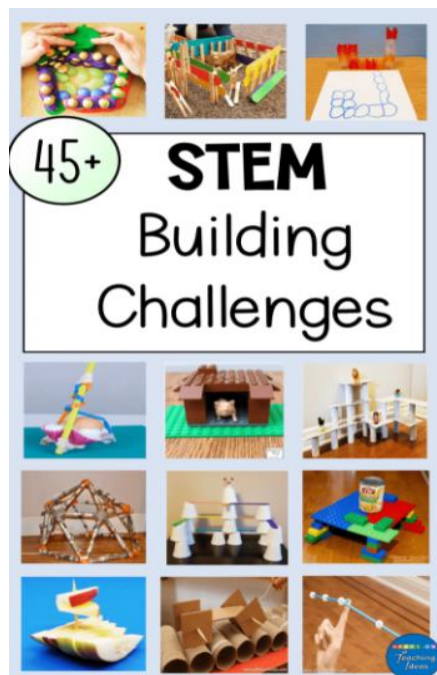
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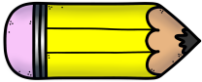




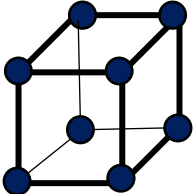

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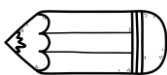




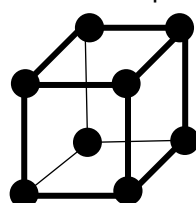
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Science	<p>Put a layer of baking soda on a tray. Add drops of vinegar and watch what happens.</p>	<p>Search around you and draw a picture of at least five different <i>living things</i> that you find.</p>	<p>Grab a collection of ten different small items.</p> <p>Predict, and then test, which ones float and which sink.</p>	<p>Fill a sealable plastic bag with water. Insert pencils into the bag.</p> <p>What happens?</p> 	
Technology	<p>Take apart an old computer or piece of technology.</p> <p>Ask an adult first.</p>	<p>Create a maze using blocks. Write a code to get from one end to the other.</p> <p>Turn right, go straight...</p>	<p>Create a short stop animation film by making playdough characters and filming on a phone.</p>	<p>Find and watch a video online about how rockets are made and how they work.</p>	
Engineering	<p>Use only recycled materials to create a house for a small pretend animal.</p> 	<p>Create a tower using only paper plates and paper towel rolls.</p> <p><a href="#">Click for activity ideas.</a></p>	<p>Make a small boat that floats and can hold at least 5 coins.</p> 	<p>Create a bridge using plastic connecting blocks that is at least one foot long above the ground.</p> 	<p>Make a ramp for a marble. Use cardboard and straws to create a path to the bottom.</p> 
Art	<p>Use crayon shavings to create a picture. On a hot day set your picture outside and watch the sun melt the crayon into place.</p> <p><a href="#">Click for activity ideas.</a></p>	<p>Add water and food coloring to corn starch. Is it a liquid, solid or something else? Add extra water and paint with it as you would sidewalk chalk.</p>	<p>Use chalk to draw a picture. Next dip the chalk in water as you draw. What happens?</p>	<p>Use strips of paper, and tape or glue to create your ideal roller coaster ride.</p> <p><a href="#">Click for activity ideas.</a></p>	<p>Put paint on a page and set magnetic marbles on the page as well. From below use a magnet wand to move the marbles through the paint.</p> <p><a href="#">Click here for activity ideas.</a></p>
Math	<p>Create a tower from cups and popsicle sticks and measure your tower.</p> <p><a href="#">Click for activity ideas.</a></p>	<p>Use playdough and toothpicks to create five 3D shapes.</p> 	<p>Collect pairs of ten different items from nature. Create a symmetrical picture.</p>	<p>Use things from nature to create number piles up to 20.</p> <p>1 rock, 2 leaves...</p>	<p>Create a picture using only 2D shapes.</p> <p><a href="#">Click for activity ideas.</a></p> 

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<p>Take apart an old computer or piece of technology.</p> <p>Ask an adult first.</p>	<p>Create a maze using blocks. Write a code to get from one end to the other.</p> <p>Turn right, go straight...</p>	<p>Create a short stop animation film by making playdough characters and filming on a phone.</p>	<p>Find and watch a video online about how rockets are made and how they work.</p>	<p>Create a path from one end of a room to the other. Use a remote control toy to travel through it.</p>
<p>Use only recycled materials to create a house for a small pretend animal.</p> 	<p>Create a tower using only paper plates and paper towel rolls.</p> <p><a href="#">Click for activity ideas.</a></p>	<p>Make a small boat that floats and can hold at least 5 coins.</p> 	<p>Create a bridge using plastic connecting blocks that is at least one foot long above the ground.</p> 	<p>Make a ramp for a marble. Use paper and straws to create a path to the bottom.</p> 
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