





My Own Way STEMAZing Activity: Create your own version of *Press Here*. Make a blank book by folding papers in half and stapling them together at the fold. Draw a dot on page one and then decide cause and effect. What will you do to the dot to cause it to change? What effect will that action have on the dot when you turn the page?

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Shoe-y Right Triangle STEMAZing Activity: In a group, take off your shoes and make a right angle with any number of shoes. Predict how many shoes it will take to connect the two ends making the hypotenuse. Then, line up your shoes to see how many it actually takes. Play with the numbers of shoes on each side and see if you can find any patterns.

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Finger Paint Mix STEMAZing Activity: On a piece of paper, write $___ + ___ = ___$. Dip your left index finger in red paint and make a print in the first blank. Dip your right index finger in yellow paint and make a print on the second blank. Touch your index fingers together and rub. Make your final print on the last blank. Wash your hands and repeat with different colors. How many colors can you create?

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CD Greenhouse STEMAZing Activity: Plant a seed (lima beans or pinto beans work well) inside an empty clear CD jewel case with some wet potting soil. Water the seed, when needed, with an eyedropper. Watch the seed grow from all angles. Make observations about what you notice: how big are the roots and in what direction do they grow? How many parts of the plant can you identify?

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Build a Toy Truck STEMAZing Activity: Remember when William had toy trucks he built under his bed? Use household items like cartons, bottle caps, cereal boxes, and other materials to engineer your own toy truck. How far will it roll? Can you make one that moves on its own? What else can you build with reused materials?

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Naturally Fibonacci STEMAZing Activity: Take a walk outside (bring a notebook and pencil!) and see how many places you can find Fibonacci numbers in nature. Which numbers were added together to create the numbers you found? Record all of your findings using numbers, words and pictures. Discuss your findings with others.

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Build It With Blocks STEMAZing Activity: Albert Einstein said, "By the time I was nine years old, I would make complex structures with my blocks..." Use blocks to build a complex structure of your own. Make sure to push the boundaries; try stacking blocks on their edges, corners, and sides! Which structures are most stable, and which are most likely to come tumbling down, and why?

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Turtle and Me STEMAZing Activity: Before reading the book, write down everything you know about turtles. Compare yourself to a turtle, using a Venn diagram. This can include anything from habitat, to lifestyle, to body type, and more. As you read *One Tiny Turtle*, make a new Venn diagram with all of the information you learn. How is your life like a turtle's? How is it different?

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