

Wow and Wonder Challenge for May



For the month of May I'm sharing this bingo board full of STEAM challenges from Lego Education for you to choose from to allow you to utilize your creativity and design thinking skills. See if you can get a bingo by the end of the month all on your own or with your family members. Though these challenges sometimes call for Legos, don't worry, just be resourceful and utilize things from around the house to stretch your thinking. Most of all, have fun and share your fun with us each week.

--Mrs. Fuhr

B	I	N	G	O
Build a race car, observe what happens when you change the wheel sizes	Design a marble maze, give it to a friend and see how long it takes them to solve it!	Build a boat that can propel itself across the bathtub	Write a 1 act play and design the set for it	Construct a device that can hit a target 3 times in a row
With the Lego blocks, create a secret code. Share the code with a friend and send messages to each other	Build a musical instrument, get some friends together and have a jam band!	Create a piggy bank that only you can open with a secret code or combination	Build the tallest tower you can that will survive a fan being directly blown onto it	Design something that will stop Lego pieces from hurting when you step on them
Design a device that can automatically feed a pet	Build a pencil case that will hold exactly 24 pencils	Free Space, build a spaceship and describe how it works	Design your own lego piece, design a pitch to lego creators on why it needs to be made	Make a tabletop version of a sport. Play with friends and have a championship tournament!
Design what your dream house/room would look like, label all key parts	Design a Bridge that has a span of 8 inches that can support a rock the size of your hand	Create a device that will launch a minifigure 4 feet!	Build something, write down the instructions to build it. Give them to a friend to see if they built what you build!	Take a minifigure for a walk outside. Take pictures of it on your walk. Write a story from the perspective of the minifigure
Research a famous building, design a replica of it out of Lego	Make a board game, including rules. Play with your family, get feedback to make it better	Build something that won't fall apart when you drop it from as high as you can reach	Using Lego pieces recreate a famous work of art or scene from a story	Build a tower that is 45 inches tall. But, the base is only 6 studs x 6 studs long