

Math Challenge Mat

B	I	N	G	O
Build a race car, observe what happens when you change the size of the wheels.	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. Bonus if it can dispense them.	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.