



# LASER FOCUSED CHALLENGE

## BUILD THE STRONGEST TOWER EVER!

You have the superpower of laser beam hands, just like Innovation Force™ member and National Inventors Hall of Fame Inductee Marshall Jones! Using your precision abilities, laser-focus your superpowers to build the strongest tower ever using upcycled items that you have around your home. Test your tower's strength by trying to knock it down! Using your new superpower, how strong can you make your tower?

**MARSHALL JONES**



### WHAT YOU NEED:

- Building blocks, any size
- Tape
- Miscellaneous toys
- Glue
- Construction paper
- Other upcycled items
- Milk jugs/cartons
- Markers/pens
- Empty boxes
- Balls (of all sizes)
- Paper towel rolls
- Cars/trucks

### STEP ONE

When you are upcycling objects around your home, start by looking for objects that will create a sturdy base.

### STEP TWO

#### Assemble your tower!

Things to think about:

- How does the weight shift as you add levels to your tower?
- What can you do to make the tower balance better?

### STEP THREE

After you are satisfied with how your tower looks and stands, test its strength by trying to knock it down! If you think you can build a stronger tower, try again!

### STEP FOUR

As you test out your superpower, write down your experiences below or in your Camp Invention inventor's log! More things to think about:

- What made your tower strong?
- If you could build your tower with any materials in the world, what would you choose and why?
- How can laser-focusing on a challenge help you problem solve in the future?



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