

Tower Building STEM Challenge

For this challenge, you will need to gather a variety of items to build a tower. You can use any items you'd like, but here are some ideas to get you started:

- craft sticks
- clothespins
- paper or plastic cups
- disposable silverware
- paper towel rolls
- building blocks
- rubber bands
- muffin wrappers
- toothpicks
- index cards
- cotton swabs
- straws
- pipe cleaners
- egg cartons
- tape

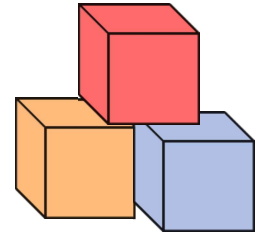


Tower Building STEM Challenge

Build the tallest tower you possibly can using only 12 items.

Rules:

- You must use a variety of items.
- Your tower must stand on its own.
- You **MUST** use exactly 12 items in your tower.



Write the items you will use and the quantity (amount) of each item used:

Use words, pictures, and numbers to plan your tower:

Name: _____

Now build your tower. Draw what your tower looks like once it is actually built:



Reflect: What do you like about your design? _____

What would you do differently next time? _____

Measure your tower. How tall is it? _____

Now, take your tower apart and try to build it even taller using the same materials. Measure your new tower. Did you succeed? _____