

Tower Challenge

Build the tallest stable tower you can, then redesign it to make it stronger.

30-40 min

Medium

Your Challenge

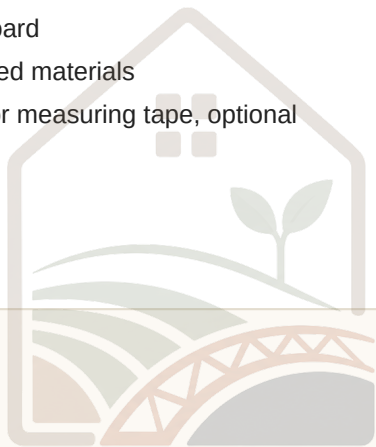
Build the tallest tower you can that stays standing.

What You'll Need

- Cups
- Blocks
- Cardboard
- Paper
- Recycled materials
- Tape
- Ruler or measuring tape, optional

Talk About It

- What helped the tower stay standing?
- What made it wobble?
- Did a wider base help?
- What change made the biggest difference?
- What would you try next?



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Caregiver Tip

You do not need to give the answer. Ask a question, notice what happens, and let your child decide what to try next.

Tower Challenge

Step-by-step activity guide

30-40 min

Medium

What to Do

- 1 Choose your materials.
- 2 Think about the base, balance, height, and supports.
- 3 Build a tower that stands on its own.
- 4 Make it taller if you can.
- 5 Watch for wobbling or leaning.
- 6 Test its stability.
- 7 Change the base or add supports.
- 8 Build and test again.



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Engineer Again

Try to make your tower taller without making it less stable.