

# Building structures

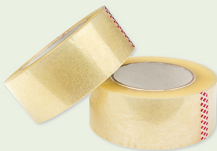
At-home science activity



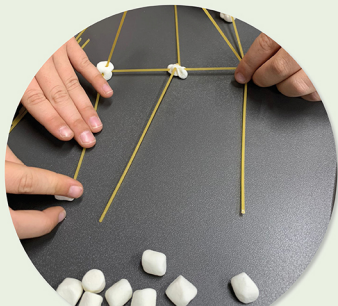
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## You will need:

- A variety of materials to build with such as: hard gum candy, cocktail sticks, straws, dried spaghetti, marshmallows, raw jello cubes, pieces of chocolate
- Scotch tape



1. Use these materials to build a bridge!
2. Consider the properties of each material and think carefully about which you will use. For example, you may choose cocktail sticks for the pillars as they are strong and flexible.
3. Select the materials you think have the right properties for your structure. Then, spend 15 minutes building your bridge.



4. When you're done, think about these questions:

- Which materials did you use and why?
- What properties does each material have? How does this make it suitable?
- Does your bridge stand up? Would it remain standing if you added weight to it?

