Spaghetti bridge challenge

What is a strong shape?

- Can you build a spaghetti bridge that's strong enough to hold a bag of sugar?
- Watch the video to see Dyson engineers attempt the challenge with their spaghetti replica of the Golden Gate Bridge.
- https://www.youtube.com/watch?v=Pp9U6lyolqg&feature=emb_title

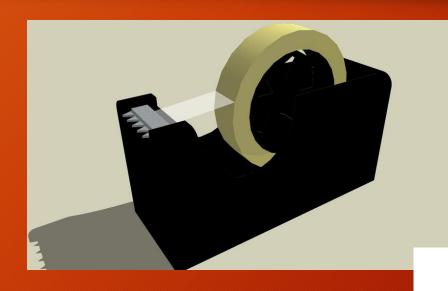
What do you need?





Not cooked Spaghetti





And cellotape

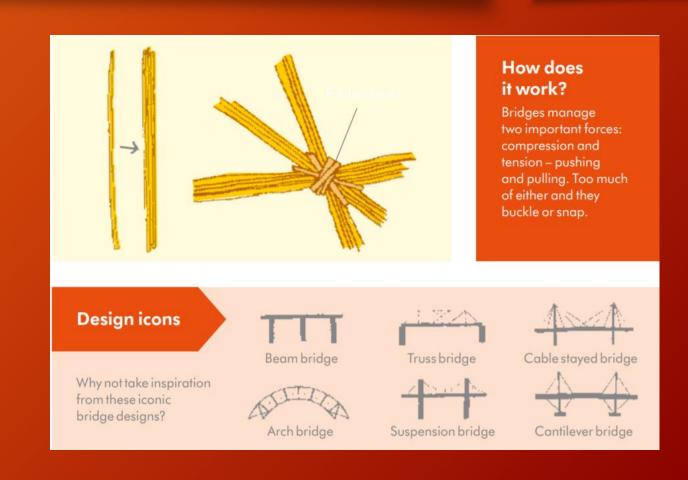


The method

 Think about bracing strands together for strength. Some shapes are better at absorbing loads - triangles are particularly strong. Rubber bands make for good junctions.

Top tip

 Be patient. Through trial and error, you'll become proficient (better) at working with spaghetti.



Here's some examples of bridges pupils have made

