ENGINEERING CHALLENGE



# SPAGHETTI BRIDGES





## **SPAGHETTI** BRIDGES



Designed by Kristian, Design engineer at Dyson

### The brief

Construct a free standing bridge out of spaghetti, strong enough to support a 1/2lb bag of sugar.

#### 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 at working with spaghetti.

#### Materials

Spaghetti
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Small rubber bands
1
or bag ties
Таре
Tupe
1/2lb bag of sugar
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#### How does it work?

