

Equipment

- 1 packet of Marshmallows
- 1 packet of (uncooked) Spaghetti

The Challenge

To construct a free-standing tower made entirely of (uncooked) spaghetti and a packet of marshmallows!

Method

Engineers have to use their design and technology skills in order to create towers, bridges, buildings etc. that are fit for purpose (strong, tall, weather resistant). This challenge puts into practice your Engineering skills to design and build a free-standing tower using only spaghetti and marshmallows.

Tip

Think about the shape and structure of buildings, bridges and towers that you are familiar with. Can you see any similarities between them? Use this knowledge to help you to create and build your own Spaghetti Tower.

You are allowed to snap the spaghetti and also to tear the marshmallows to make them smaller in size

Health and Safety

If you snap the spaghetti please do this away from your face (or wearing safety goggles) so that loose fragments don't go into your eyes

This activity can get very messy, so ensure that you have some bin bags to hand!

