ENGINEERING CHALLENGE

08

CARDBOARD CHAIR





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Designed by Andy, Design engineer at Dyson

The brief

Construct a chair that you can sit on using only cardboard. No glue, tape or other fixing materials allowed.

The method

- 1. Write down or sketch some ideas as to how you will construct the chair.
- 2. When you are planning, think about using cones, interlocking sheets, spirals, tubes or even using strips of card like sewing thread.
- Use the materials to create a chair made from cardboard.
- 4. If your first design doesn't work, evaluate what went wrong and try again.

Top tip

Think about structure.

Materials

Cardboard

Cutting equipment (with adult supervision)

Rulers

Pencils



