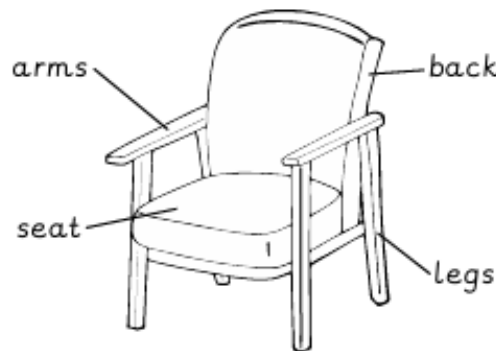
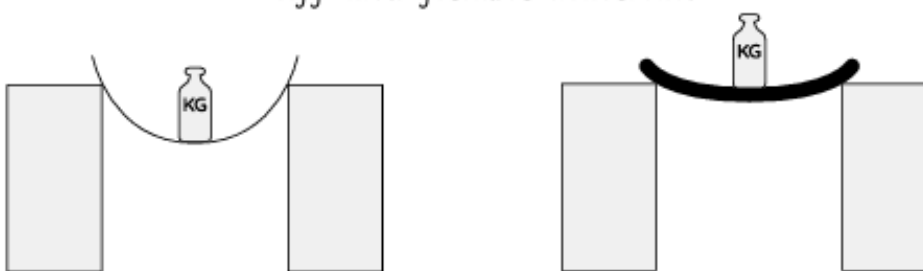


# Design and Technology - Unit 2 - Making a chair for a Giant.



A chair is a freestanding structure made from different parts.

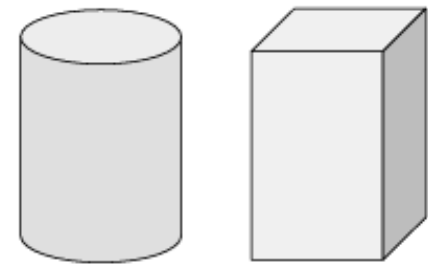
### Stiff and flexible materials



**Thinner** materials are more **flexible**. They can bend easily.


**Thicker** materials are more **stiff**. They **cannot** bend easily.

### Strong shapes



Cylinders are **strong** shapes because they are **curved**.

Chairs are made for different users and purposes. The **design brief** tells you who the chair is for and how it will be used.



**Design criteria** are things that the chair must have or do to work well.

**Evaluate:** looking at what is good and bad about something and thinking about how to make it better.

**Improve:** make something better by making it work well or look nicer

Key Vocabulary:

Design brief	Design criteria	evaluate	flexible	improve	select	stiff	strong	thicker	thinner
weak	chair	curved	join	material	measure	purpose	shape	strength	user