

Aluminium fact file

What you need:

A magnet, a collection of used drinks cans.

Here are some useful facts about aluminium:

1 It is a light-weight material.

2 It is soft and can be squeezed.

3 It is a good conductor of electricity.

4 It does not go rusty.

5 It reflects light.

6 It is a good conductor of heat.

7 It is an expensive metal to produce.

8 It is often mixed with other metals to make it very strong.

Look at this list of products made from aluminium. For each one match up the aluminium facts to show what makes aluminium suitable for the job it does. Write down the correct fact numbers beside each product. You may have more than one number beside each product.

Aluminium foil

Bicycle frames

Saucepans

Milk bottle tops

Aircraft

Toothpaste tubes

Pipes

Mirrors

Electrical cables

Window frames

It is a good idea to recycle things made of aluminium because it is expensive to produce. You can use a magnet to sort out the drinks cans made from aluminium, because aluminium is **not** magnetic. The magnet will only attract cans that contain iron.

EXTRA!

Make a fact file for another metal such as copper or iron.