

Canal Boats

Did you know?

Banbury is famous for its canal.

Boats used to carry heavy loads before there were railways or big roads.

Originally the boats were open and designed for stacking lots of cargo.



Have a go!

Why are canal boats so wide and flat at the bottom?

To answer this question, make some different boats out of cartons or kitchen foil. Make one wide and flat; make another that is narrower.



Float the boats in water.

Start loading cargo.

Try Lego, coins, pebbles or teaspoons.

Keep going till one sinks.

Which one carries more cargo?

How much cargo does it take to make the better boat sink?

Does it matter how you position the load?