



Discover and Make A Wind Vane



Have you ever noticed the very top of a church spire? Next time you pass one why not look up – you might be lucky enough to see a wind or weather vane.

A wind vane shows the direction of the wind. It could be designed as a simple arrow or it might be a highly decorated feature, such as the traditional cockerel or rooster, seen here on the very highest point of the spire of All Saints Church in Cambridge.

Nearby, the tiny Church of St Peter in Castle Hill, has a wind vane with the initials AP, remembering Andrew Perne. Originally situated at Peterhouse, this weather vane was blown down in a storm and later moved to the spire of St Peter's.

Here we have instructions for how you can make your own wind vane using everyday things you can find at home. Once you've worked out what to do, you can come up with your own design to make your wind vane as elaborate as you wish!

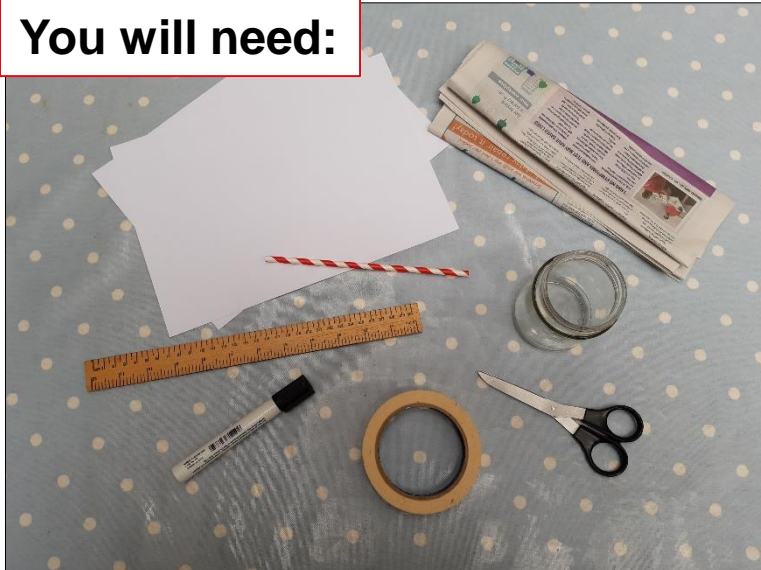




Discover and Make

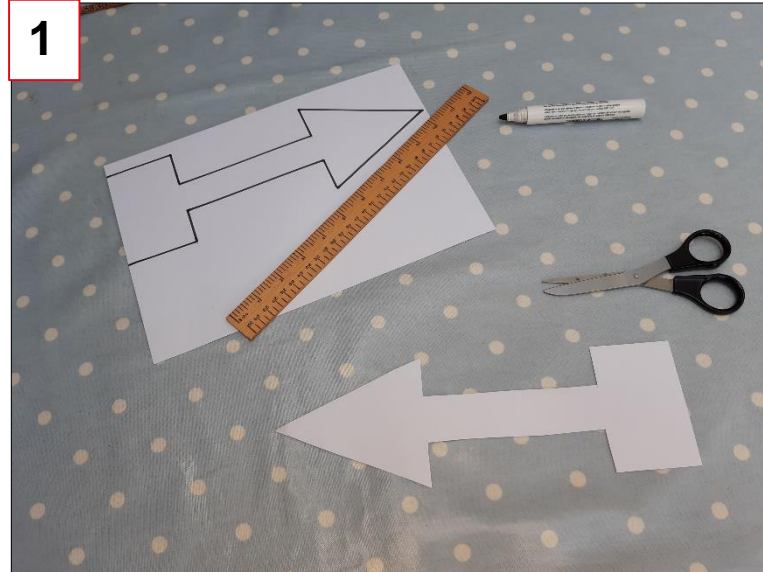
A Wind Vane

You will need:



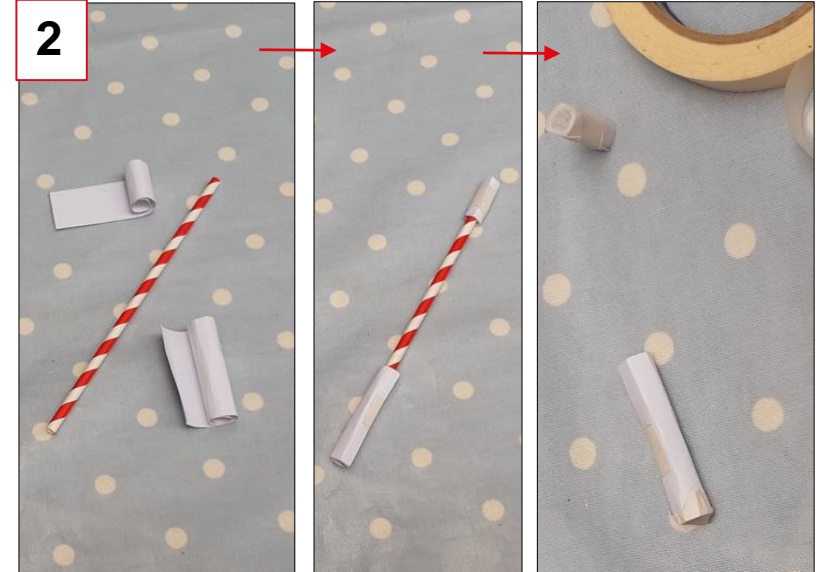
scissors
pen or pencil
card/cereal box
newspaper
sticky tape
ruler
straw
clean jam jar

1



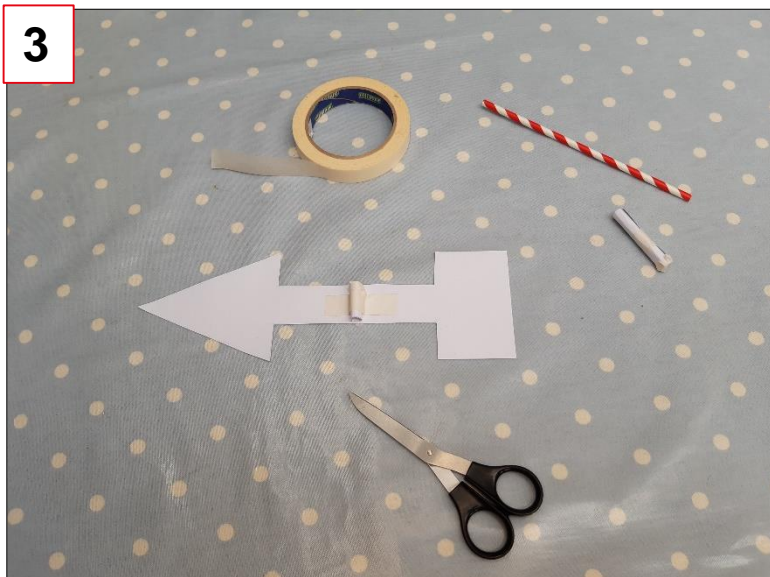
Use the ruler to help you draw an arrow shape. Then carefully cut it out.

2



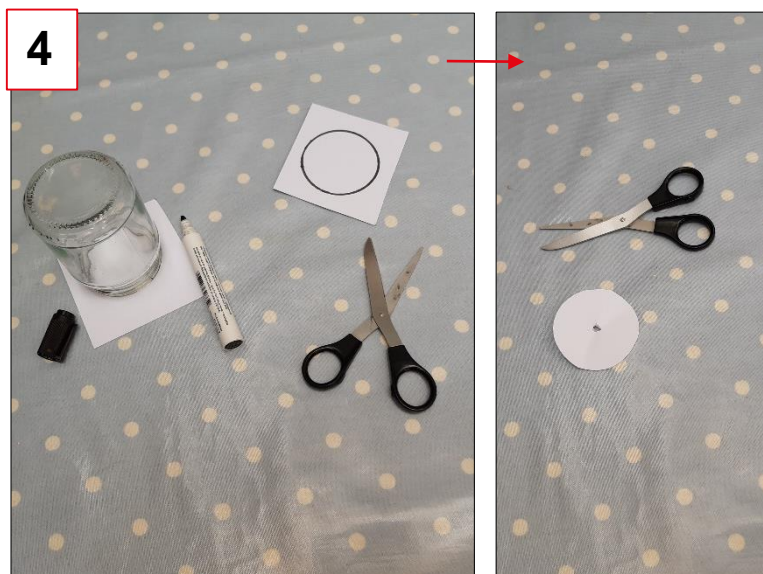
Roll up two strips of thin card to fit on each end of the straw. Check the straw can turn before taping. Tape over one end of each roll.


3



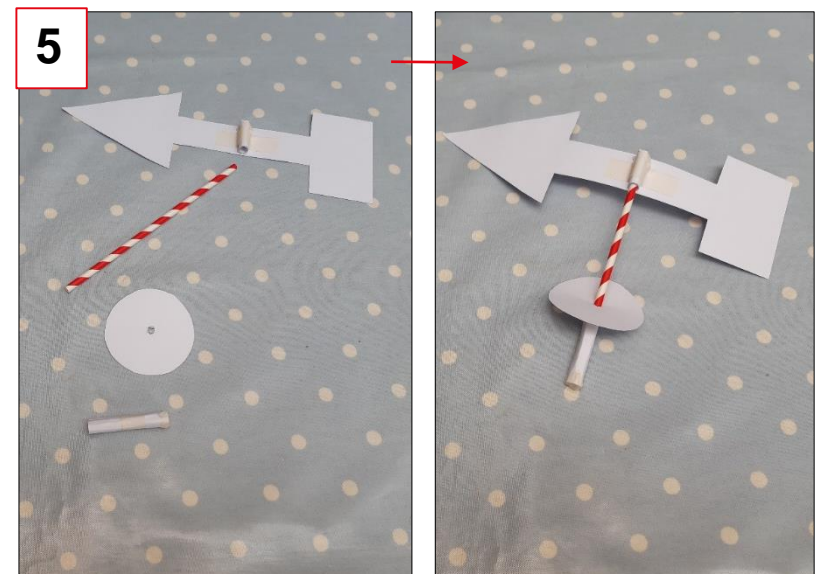
Securely tape the smaller roll to the back of the arrow.

4



Draw around the jam jar onto card, then cut the circle out.
 **Ask an adult to make a hole in the centre of the circle.**

5



Attach the straw to the back of the arrow (the taped end will stop the arrow sliding). Push the other end of the straw through the card circle into the second roll.

6



For the base, squash a ball of newspaper into the jam jar.. Twist a second sheet of newspaper into a snake then coil it inside the top half of the jar.

7



Making sure there's a hole in the centre of the twisted newspaper, position the lower cardboard roll and straw securely inside the jar.

8



Tape the card circle securely in place on top of the jar. Blow gently to make sure your wind vane turns. Why not try other designs?

Watch out for this sign  - it means adult help is required for this step.

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