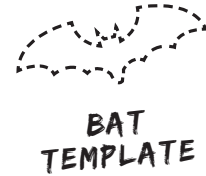
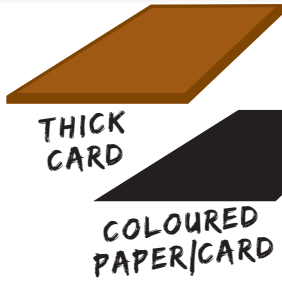
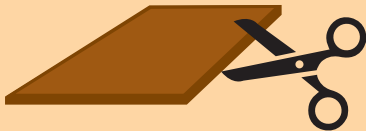


STATIC BAT

You will need:



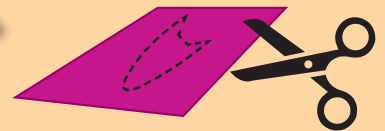
Method:



Cut the thick card in to a square. Make sure it's bigger than your bats body! You can cut it down to size later.



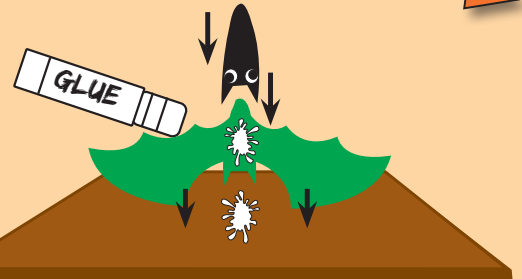
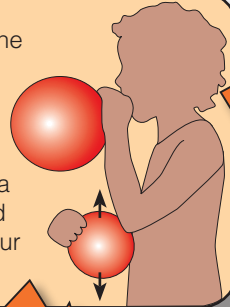
Cut out a silhouette of a bat from the tissue paper and lay it on the square.



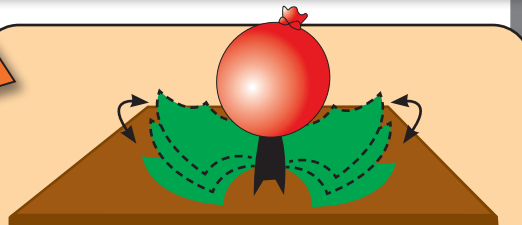
Use the coloured card to cut out a body for your bat. This needs to be longer than the wings.

Blow up the balloon.

Tie with a knot and rub on your tummy.



Glue the body of your bat to the cardboard, over the wings. But be very careful not to glue the wings down as they won't be able to fly. For an extra touch, add googly eyes and decorate!



Hold the balloon near to the bat and the wings will lift. If you move away a little bit the wings will go back down, and it will look like your bat is flying.

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WHY DID THE WINGS MOVE?

STATIC ELECTRICITY OCCURS WHEN CHARGE BUILDS UP IN ONE PLACE.

OBJECTS TYPICALLY HAVE AN OVERALL CHARGE OF ZERO SO ACCUMULATING A CHARGE REQUIRES THE TRANSFER OF ELECTRONS FROM ONE OBJECT TO ANOTHER.

THERE ARE SEVERAL WAYS TO TRANSFER ELECTRONS AND THUS BUILD UP A CHARGE FRICTION THE TRIBOELECTRIC EFFECT CONDUCTION AND INDUCTION.

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