

How to make... cardboard flapping wings

By Oliver Smart

Suitable for ages 6+ with adult help

A great way to reuse old packaging. This is also how a real life butterfly flaps its wings!

You will need:

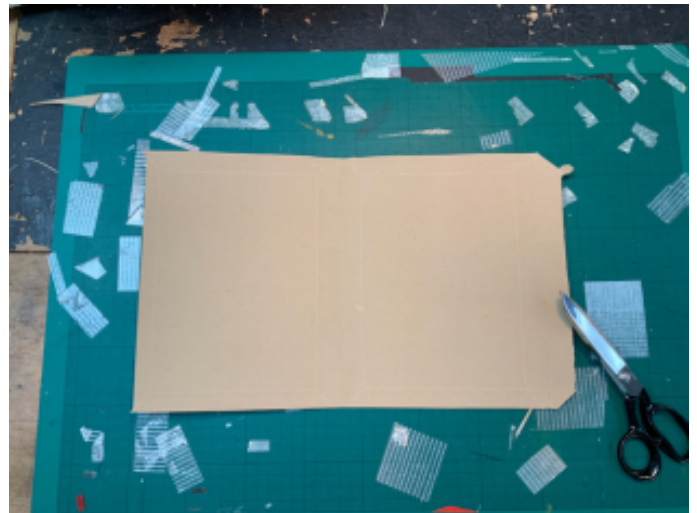
- A cardboard envelope
- Colourful packaging or wrapping paper
- Sticky tape
- Double sided sticky tape or glue
- Scissors
- Pencil



Instructions

Step 1:

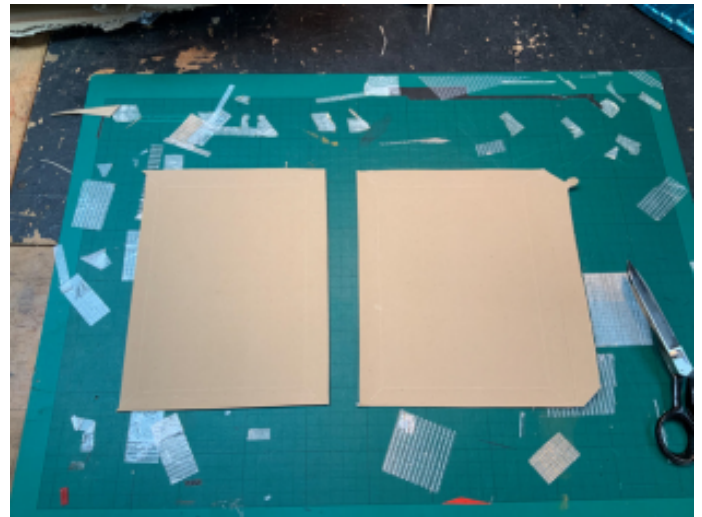
Open the envelope so it lies flat.



How to make... cardboard flapping wings

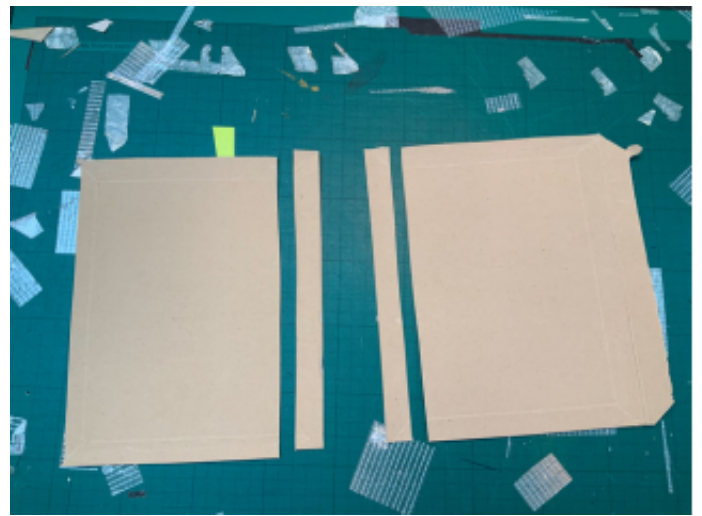
Step 2:

Cut envelope into two equal parts.



Step 3:

Cut a length-wise strip from each half.



Step 4:

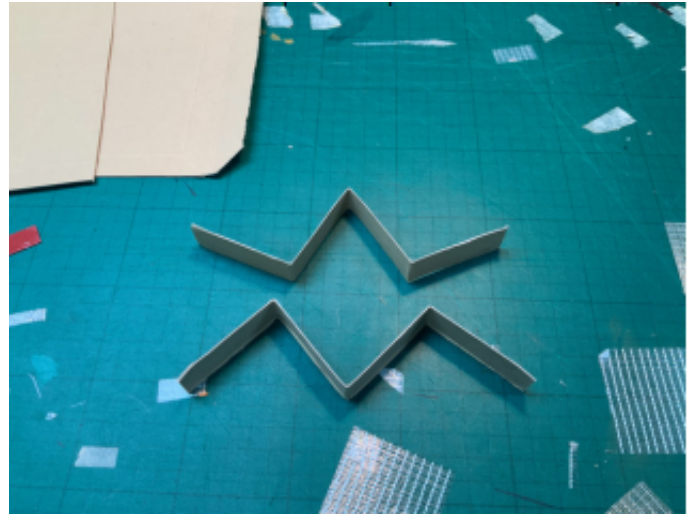
Fold each strip in half.



How to make... cardboard flapping wings

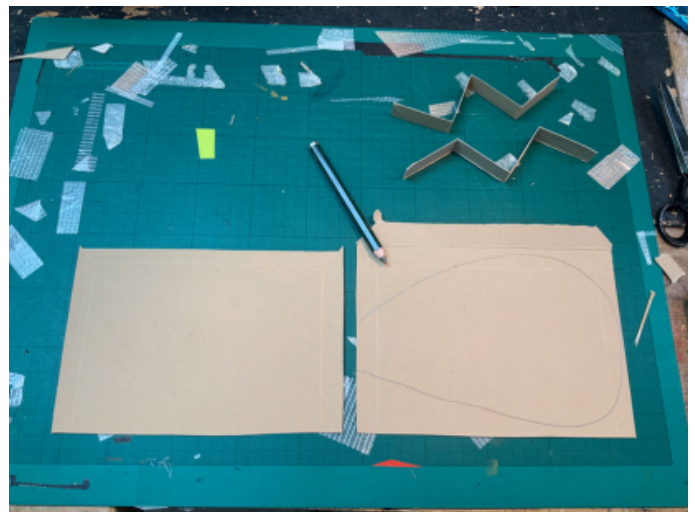
Step 5:

Fold each strip into quarters as pictured.



Step 6:

Draw an outline of a simple wing.



Step 7:

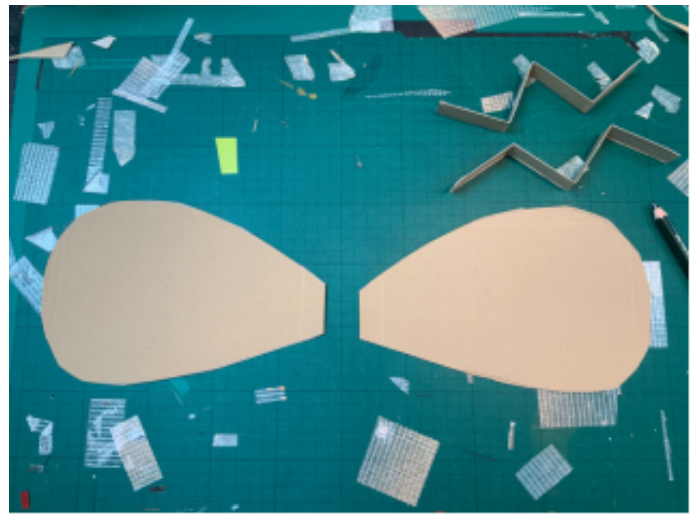
Cut around the wing outline.



How to make... cardboard flapping wings

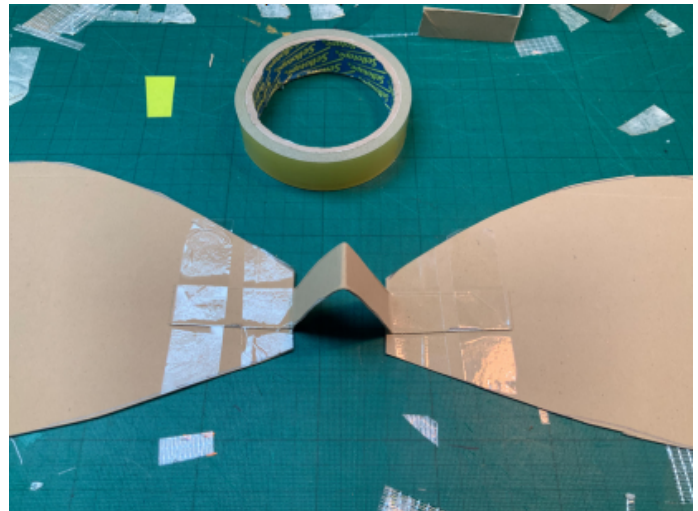
Step 8:

Trace the wing outline onto the other half and cut out.



Step 9 :

Place folded strip as pictured and attach with sticky tape.



How to make... cardboard flapping wings

Step 10:

Turn over, draw a pencil line one finger width from the inside wing edge, as pictured.



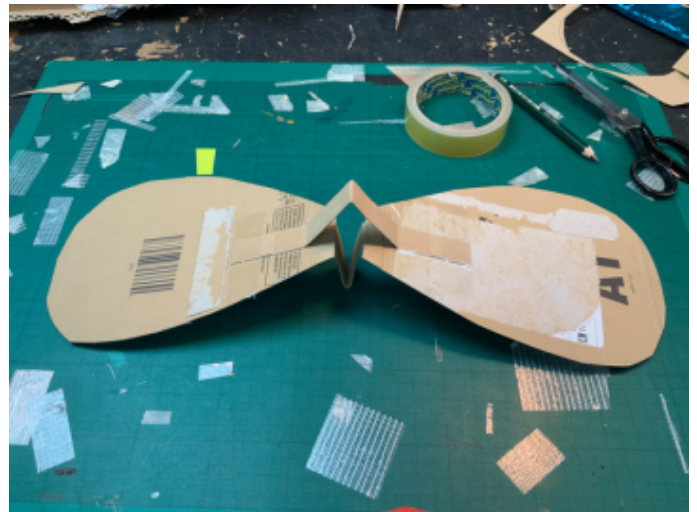
Step 11:

Place folded strip on this pencil line as shown and secure with sticky tape.



Step 12:

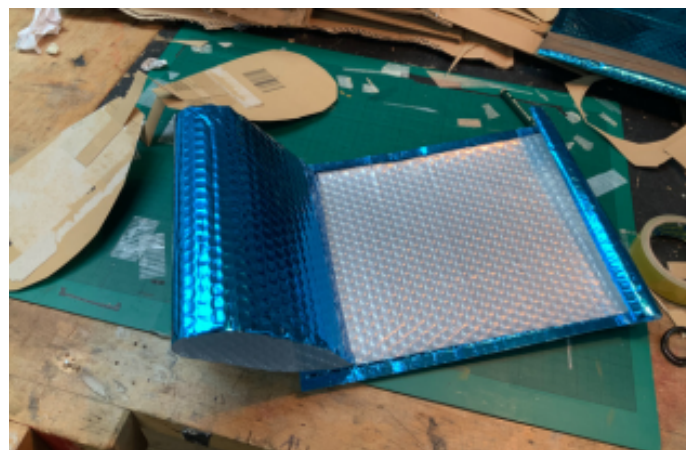
Repeat on the other side.



How to make... cardboard flapping wings

Step 13:

Wrapping paper or colourful packaging are ideal to cover the wings.



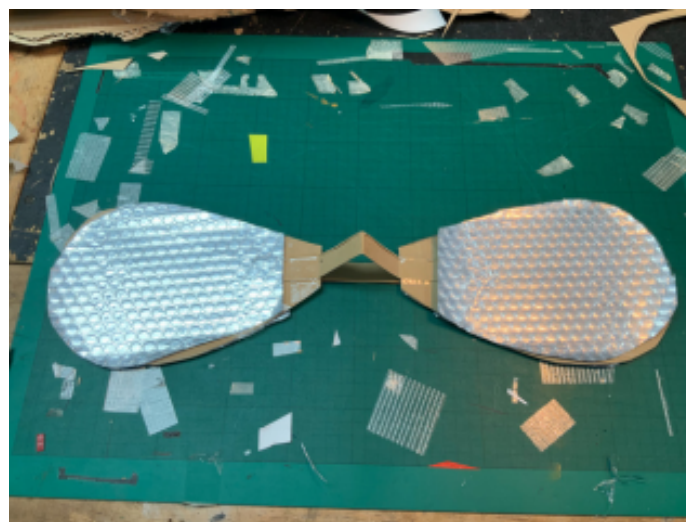
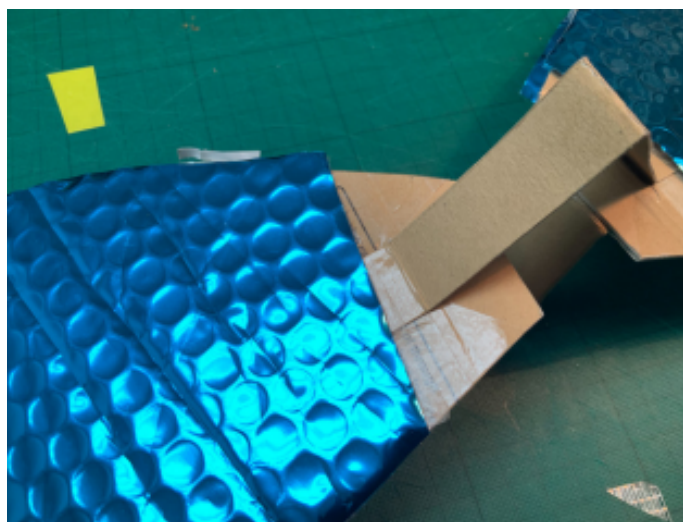
Step 14:

Trace the outline of each wing x2 (for the tops and the bottoms) onto the covering and cut these out.



Step 15:

Stick the covering onto the cardboard with double sided tape or glue. Take care not to cover the raised part of the folded cardboard strips.



How to make... cardboard flapping wings

Step 16:

Your wings are complete!



To move:

By pulling down on the bottom folded strip the wings will rise.



By gently raising the bottom folded strip the wings will lower.

