

# FEEL THE FORCE: MAGNETIC SCULPTURES

Reuse scrap cardboard to make a set of magnetic 3D shapes that you can build sculptures and inventions with again and again.

## YOU WILL NEED:

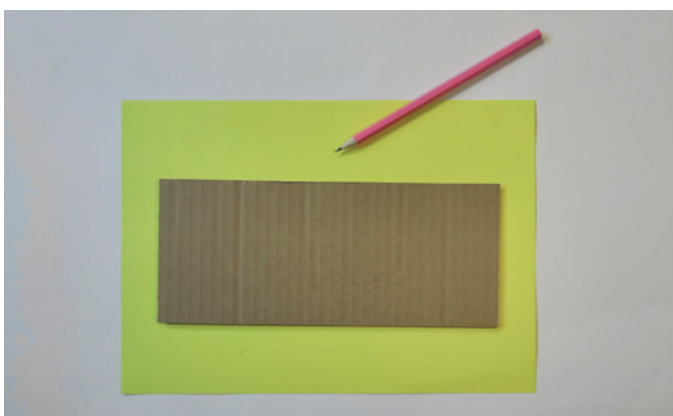
- A roll of magnetic tape. You can buy this online. Buy 'M/Pole' or 'Multi-Pole' tape, which attracts to itself.
- Colourful paper
- Glue stick and Scissors
- Ruler and pencil or pen
- Clean scrap cardboard



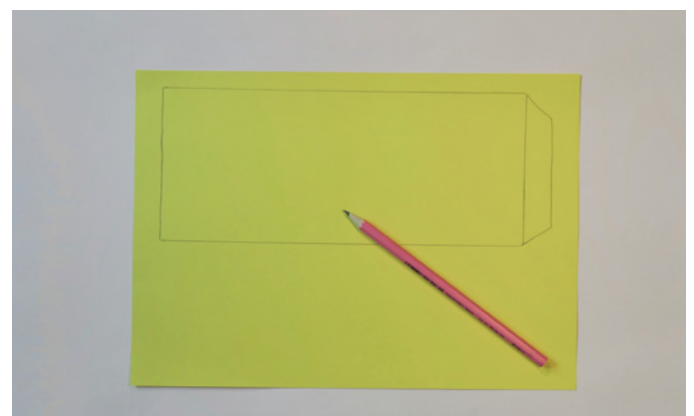
## Warning:

- Do not put magnets on or near credit cards or Oyster cards.
- The glue on the tape becomes very strong when it dries. Only use it as described in this activity.

**1** Cut a strip of cardboard. Anything around 25cm x 10cm will be perfect, but make sure it's not less than 20cm long.



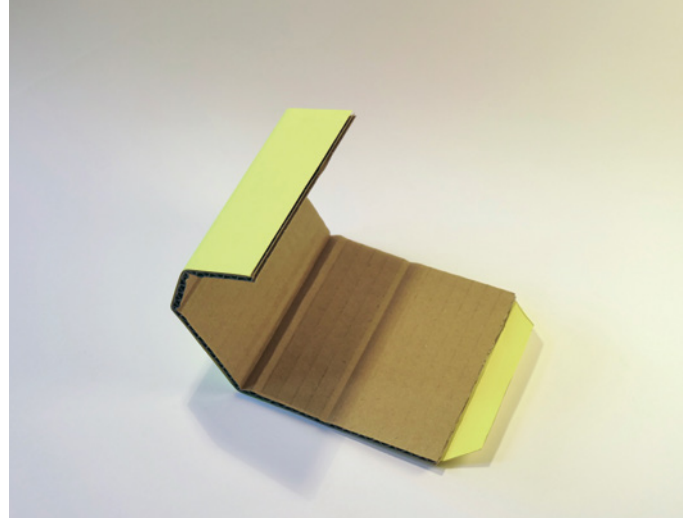
**2** Lay the cardboard onto your paper and draw around it. Draw a tab at the end of your outline. This will be used to attach the two ends together later.



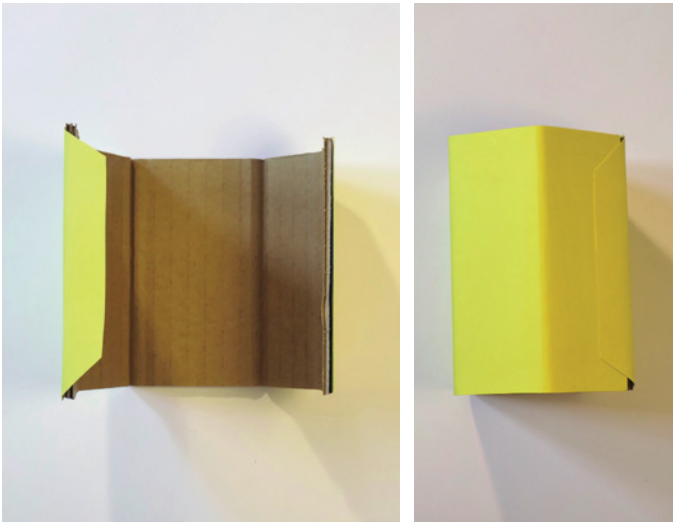
**3** Cut around your outline and stick the paper to your cardboard, leaving the tab sticking out at one end.



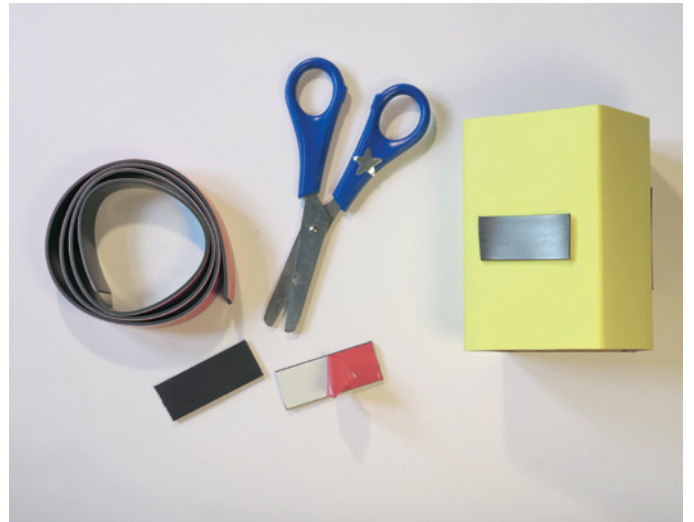
**4** Make two or three folds in your cardboard.



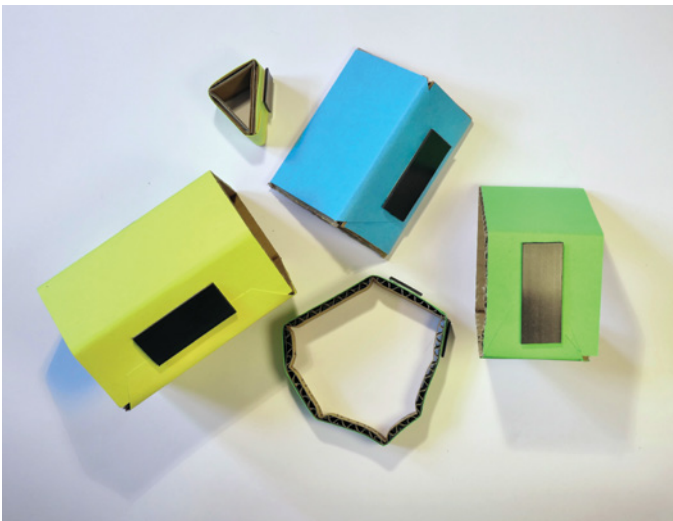
**5** Use the tab to stick the two ends together.



**6** Stick on two or three pieces of magnetic tape.



**7** Repeat these steps to make more 3D shapes with different colours and designs.



**8** Stack and balance your shapes to make your own creative, colourful sculptures.

