

Make DNA fridge magnets with Astro Morphs



Astro Morphs productions and art works are inspired by biology. Have fun creating colourful fridge magnets, while learning the complementary bases that make up DNA.

You will need

- coloured card
- a ruler
- a pencil
- scissors
- textas, posca paint pens, pencils (to decorate)
- self-adhesive magnets from the craft shop or recycled magnets from the fridge (we used self-adhesive, if you use recycled magnets you will need a glue gun, craft glue or blue tac).

FUN FACT:

Our DNA is in the shape of the helix; a bacterium has circular DNA.

Play DNA on your fridge

Process

1. Choose four different coloured pieces of card and rule the card into squares, 5cm by 5cm.
2. Cut the card into the squares you ruled.
3. Choose a different coloured card to mark for each letter: A, T, C, and G.
4. Stick or glue a magnet to the back of each letter.
5. Put all the letter magnets into a container and make DNA sequences on a magnetic surface with your friends. Just remember the rule 'A' goes with 'T' and 'C' goes with 'G'.

Reflection

Consider the magnets you just made:

Why do you think DNA is important?
 Who discovered the shape of the DNA helix?
 Can you think of a TV show or movie you've watched that talks about DNA?
 Can you draw the DNA helix? Have a go!
 What does DNA stand for and the letters 'A', 'T', 'C' and 'G'?

Do a search if you're interested!