

DINO'S DYNAMOS

Craft



Static Electric Snake...

You will need:

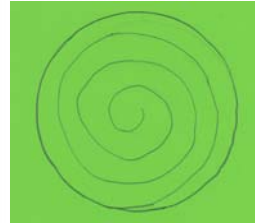
Coloured tissue paper

Compass or circular shape to draw around

Felt tip pens

Plastic 30cm ruler

Wool jumper



Step 1. Draw a circle on the coloured tissue paper.

Step 2. Starting at the centre draw a circle towards the outside as shown here.



Step 3. Draw on the snake's face and using a felt tip draw some stripes on his back.

Step 4. Cut out the snake along the spiral line.

Step 5. Rub the ruler on a woollen jumper to build up a static charge. Hover the ruler over the snake and watch it rise and stick to the ruler!

sssssss-splendid!



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Explain the Craft...

When you rub the ruler on the woollen jumper something very unusual happens. Tiny particles move from the wool to the ruler. These tiny particles have an electric charge, so whenever you bring the ruler to the tissue paper these particles attract the tissue paper.

Did you know? Static electricity causes lightning. A lightning strike is hotter than the surface of the sun!

This also explains the crackly noise you sometimes hear when taking your jumper off. This crackly noise is actually miniature lightning bolts jumping around between your head and the jumper!

Thunder and lightning are made at the same time. However you may hear the thunder after you see the lightning because light from the lightning travels much faster than the sound from the thunder.

