

DINO'S DYNAMOS

Craft



Butterfly Feeder...

You will need:

- Plastic cup
- String
- Drawing pin
- Pen
- Cotton wool ball
- Colourful plastic bag
- Glue
- Water
- Sugar
- An adult to help



Step 1. Using the drawing pin, make two small holes opposite each other at the top of the plastic cup (ask an adult for help). Thread the string through each hole and tie a knot at each end. This should make a string handle.

Step 2. Make a small hole in the bottom of the cup using the drawing pin and your adult. Push the pen through the hole to make it bigger. Push the cotton wool ball into the hole, so half pokes through the bottom of the cup.



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Step 3. Cut out petal shapes from the colourful plastic bags and glue them to the bottom of the cup around the cotton wool. The bright colours will attract butterflies to the cup.

Step 4. Pour 9 tablespoons of water into a cup. Add in one tablespoon of sugar and stir. Pour this mixture into the cup. The cotton wool will soak up some of the liquid. This mixture is similar to nectar which is the liquid butterflies drink from flowers so the butterflies will be attracted to it.

Step 5. Hang the feeder over a tree branch and wait for the butterflies to come. It might be a good idea to hang it somewhere you can see from a window so you can watch the butterflies without scaring them away.



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Static Electric Snake...

You will need:

Coloured tissue paper

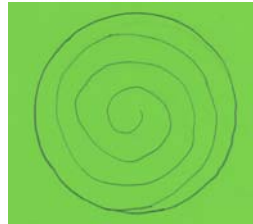
Compass or circular shape to draw around

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.



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