

ask a grown up to read this with you

Discovery 3

For under 8 year olds

**Draw what you can see in the sky?**

day

night

The Sun is a star. It gives us warmth and light. The Earth spins round once a day and that is why we have day time and night time. The Earth moves round the Sun once a year - we call this an orbit.

WARNING: Never look directly at the sun. It could hurt your eyes.

Space Quiz

The space words below have got their letters mixed up! All of the words can be found above. Can you write them again correctly?

nus



_ _ _

tighl



_ _ _ _ _

raeht



_ _ _ _ _

bitro



_ _ _ _ _

yad



_ _ _

ghnit



_ _ _ _ _

Complete the sentences:

The sun is a _____.

The _____ moves around the sun once a _____.

We call this an _____.

The sun gives us _____ and _____.

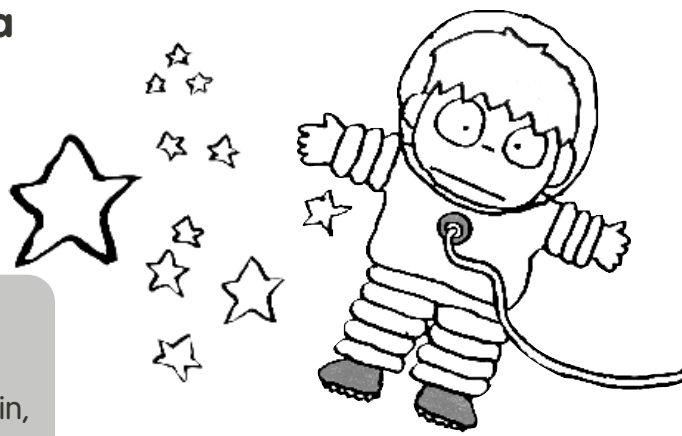
This is something you might like to do with a grown-up

Make your own Earth

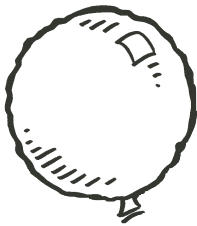
What to do:

You will need:

a round balloon, newspaper, string, wallpaper paste, petroleum jelly, a bowl, scissors, paintbrush, paints, card, a pin, water, sticky tape and a plastic bottle.



- 1** Blow up your balloon until it is firm and round. Knot or tie the end with string.



- 2** Fill the bottle with water to make it heavy. Tape your balloon to the top of the bottle so it does not flop about.



- 3** Make-up some wallpaper paste in the bowl – ask an adult for help with this.



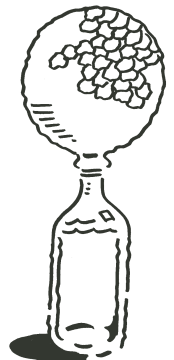
- 4** Tear up lots of strips of newspaper then tear these into small rectangles.



- 5** Spread petroleum jelly all over the balloon in a fine layer.



- 6** Cover the balloon with a layer of newspaper pieces. Make sure the pieces overlap.



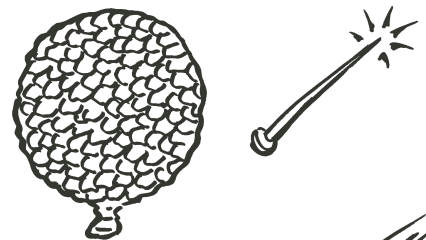
- 7** Carefully brush the paste over the newspaper. Then cover it with another layer of newspaper, leave this to dry for 4 - 6 hours.



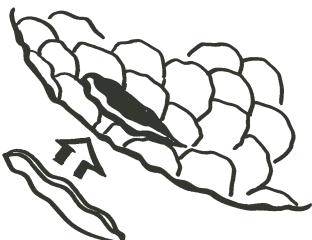
- 8** Carry on building up the layers of paper until you have seven dry layers covering the whole of the balloon.



- 9** When the paper is completely dry, untape the balloon from the bottle, stick a pin into the balloon and burst it and pull it out.



- 10** Paste some white paper over the hole and leave it to dry.



- 11** Find a map of the world, paint the countries and oceans of the world onto your Earth. Don't forget the North and South poles.

