

Wider Curriculum

Science

Watch the video below: <https://www.bbc.co.uk/programmes/p00n6zhw>

Create your own model of the Earth, Moon and Sun and explain how it works.

You could:

- Make a video using people in your house or different balls to show how they move
- Draw a picture and label it (template for this below)
- Make a moving model on 2Code on Purple Mash
- Make a moving model using things in your house

Art

Last time, you had a go at different shading techniques. This will come in useful today as now you know how to shade effectively, we can look out how to make objects look more realistic by thinking about where the light would hit them.

Follow along with this video: https://www.youtube.com/watch?v=r5_WogFt14Q

Once you have had a go at this, you could try an object of your own (maybe an apple, ball or flower pot). Put it somewhere where you can see light hitting it so it had brighter areas and darker areas. Try and draw the outline and shade it as accurately as possible.

Another helpful website: <https://willkempartschool.com/how-to-shade-a-drawing-light-shadow-part-2/>

Other Ideas (for after you have completed one wider curriculum lessons)

Practise times tables on TT Rock Stars

Improve your touch typing on Purple Mash

Use Spelling Shed to practise your spellings

Play a board game or card game with someone at home

Draw or paint pictures of things you can see – try to be as accurate as possible

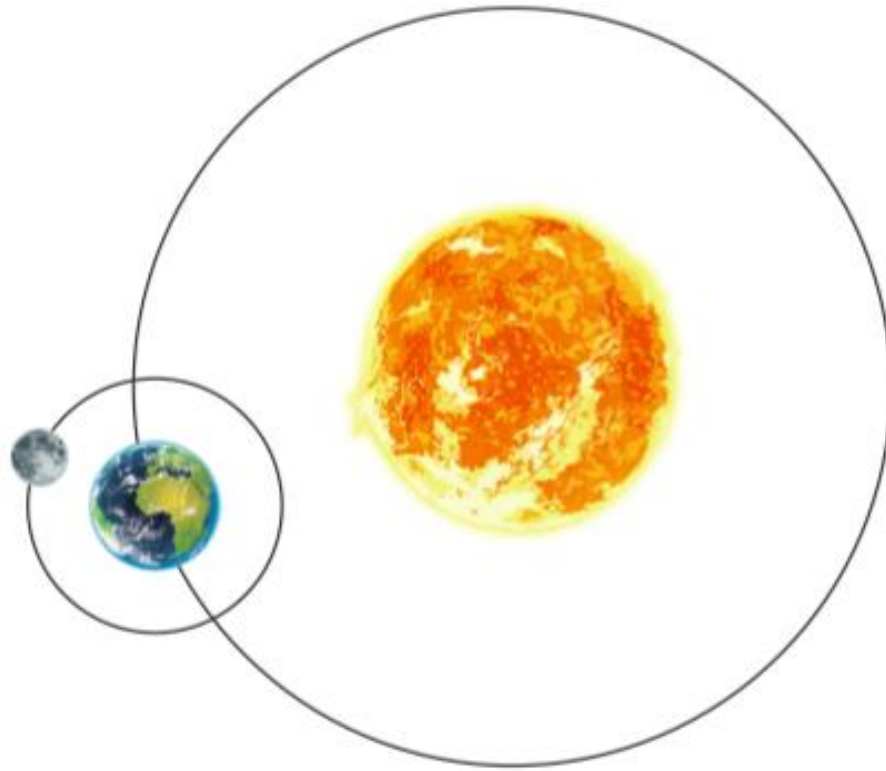
Junk modelling – make a model using rubbish from around your house

Make an eco brick - <https://www.ecobricks.org/how/>

Create an outdoor obstacle course in your garden

Try an alphabet scavenger hunt – can you find something that begins with every letter of the alphabet in your house?

Earth, Sun and Moon Fact Diagram



The Earth spins on its axis once every 24 hours. As we turn away from the Sun, we enter night.

The Moon orbits the Earth once every 28 days.

The Sun is a star at the centre of our solar system.

The Earth orbits the Sun once every $365 \frac{1}{4}$ days.

The Earth's tilt on its axis is what causes our seasons.

The Moon is about 320,000 km away from the Earth.

The Moon doesn't change shape; it is the Sun's light that makes it appear to wax and wane.

Water covers 70% of the Earth. The other 30% is covered by land.

The Moon is only held in place by the gravitational pull of the Earth.

The corona of the Sun is made from helium and hydrogen.

The Moon doesn't shine. It reflects the Sun's light.

The temperature at the centre of the Sun is 15 million degrees.