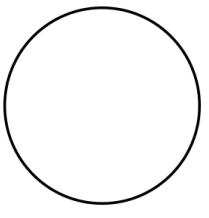

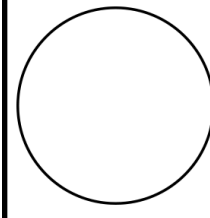

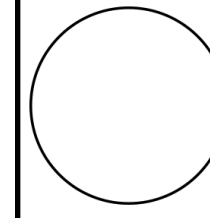

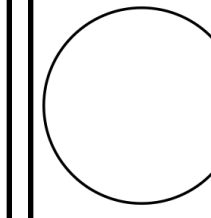

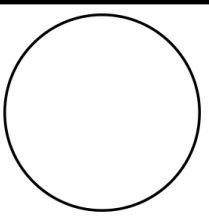
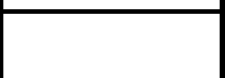
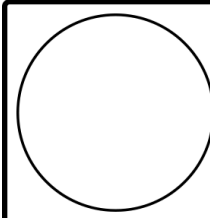
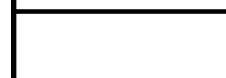
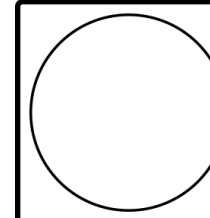
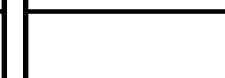
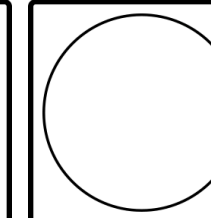
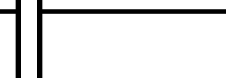
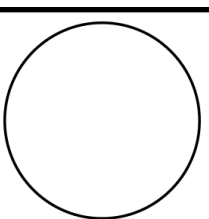

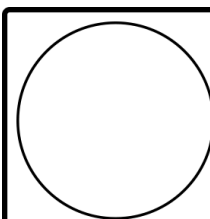

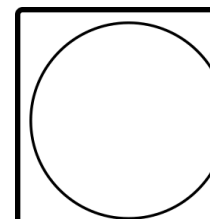

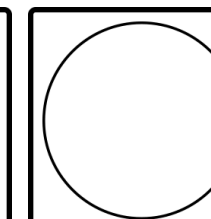

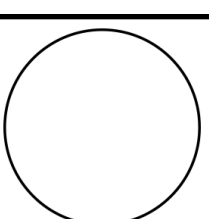

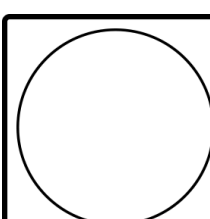

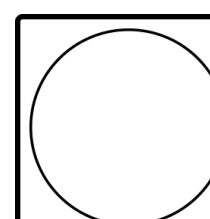
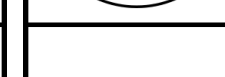
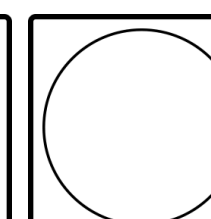

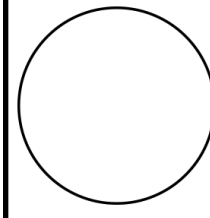

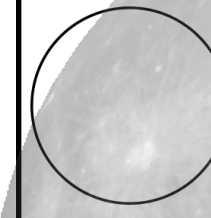



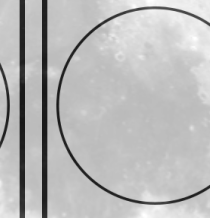

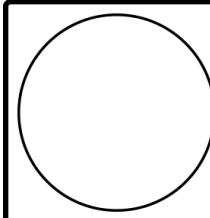
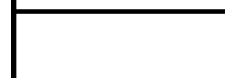
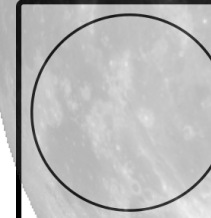

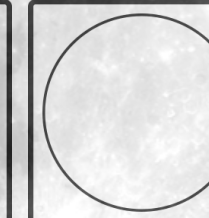

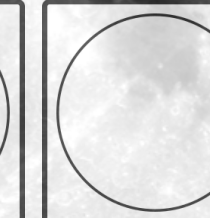

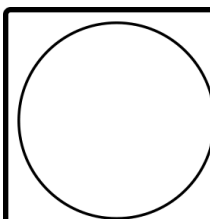

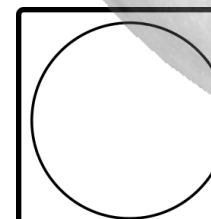

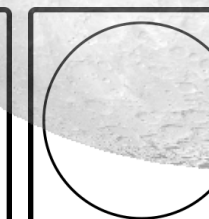

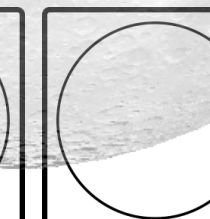

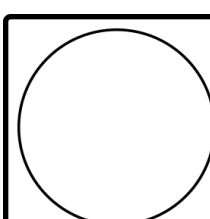

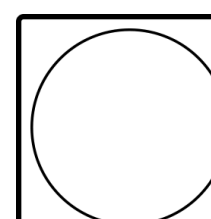

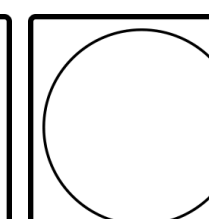

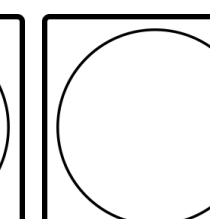



# Lunar Diary

# Your Lunar Diary

The moon is a natural satellite which orbits (spins around) the Earth. The shape we see is a result of the position of the moon relative to the sun. We see the brightly-lit part of the moon where light from the sun falls upon it. For more details, check out our website.

Unlike the sun, the moon is not dangerous to look at. Try using a pair of binoculars to take a closer look. You'll be able to see ancient craters from meteors that have hit the moon's surface over billions of years.

In 1969, the moon was visited by astronauts for the first time. Since then, a total of 12 astronauts have walked on the surface of the moon. 6 of them drove lunar vehicles!

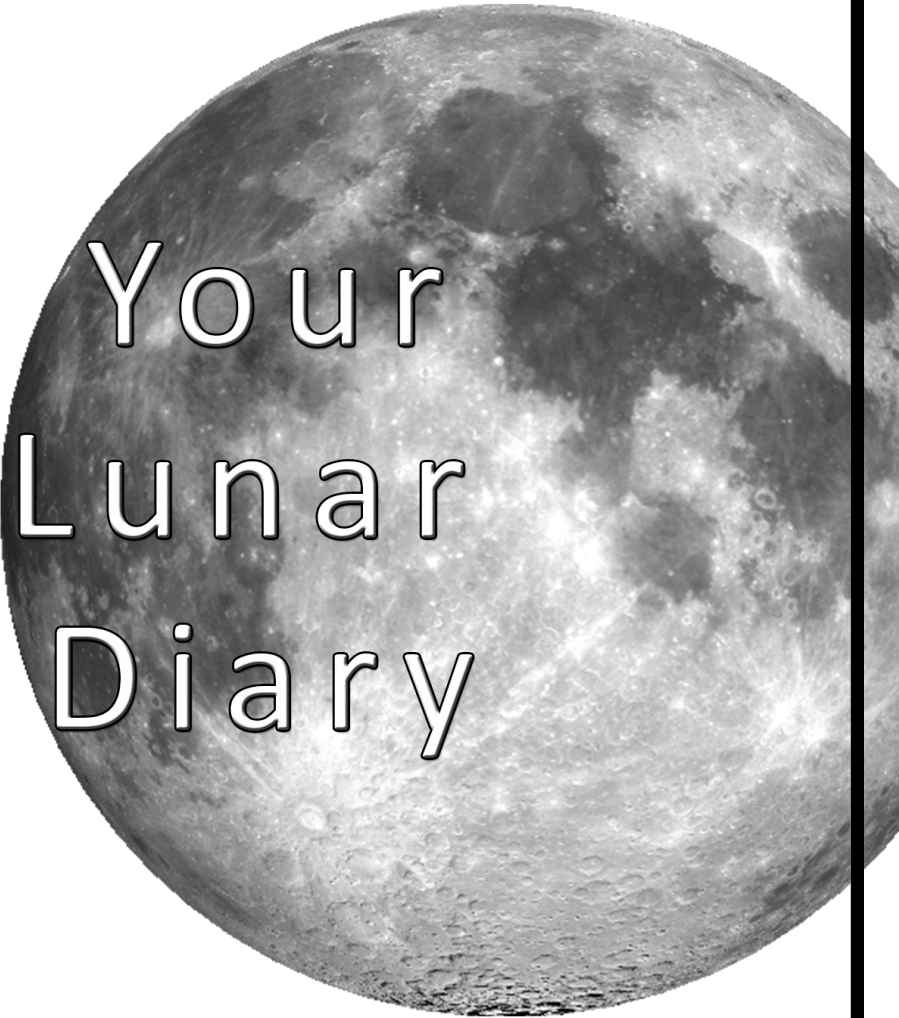
## Parents

The space sector is growing rapidly in the UK, with the Government planning major expansion from now until 2030. Careers in space include: aerospace engineering, the satellite industry, astrophysics, space programme development, astrobiology, geology, research, manufacturing spacecraft and satellite components, as well as working within data analysis and services that use space data.

A career in the space sector is exciting, varied and entirely possible for your child. Making those dreams reality can be helped by studying and enjoying Science, Technology, Engineering and Mathematics (STEM).

Do you want more ideas, activities and careers information to explore at home with your children? Visit the Think Physics website:

**[thinkphysics.org](http://thinkphysics.org)**



# Your Lunar Diary

Use this booklet to track the changes in the shape of the moon throughout a month. The moon is visible during the day and at night. All you need to do is head outside and look to the skies. Use a pencil to shade in the circle to match the shape of the moon. Remember to write in the date so that you can compare how the moon changes as the days go by.

Name: \_\_\_\_\_