

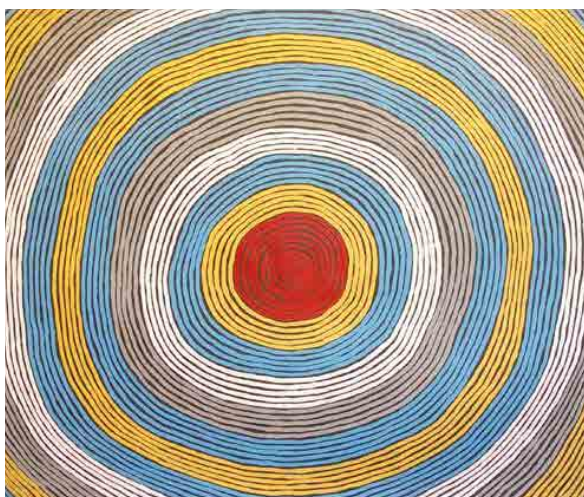
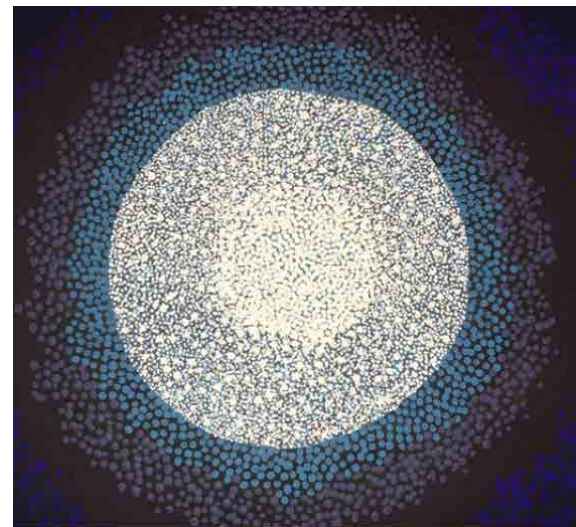
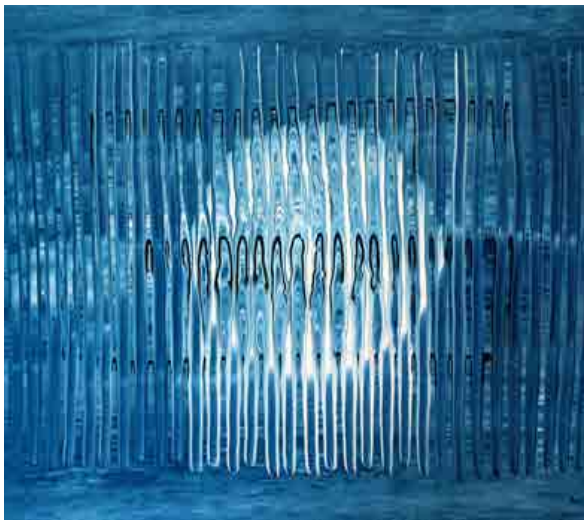


Activity 1: The Earth's MOON

There are many moons in the universe, not just the moon we see from Earth. The Earth's Moon is covered in powdery soil, craters, and dead volcanoes but when seen from the Earth the full moon can look like a disk of cheese with holes in it or as if it has a face.

Artists have created many pictures of the Moon, see some below.
How do you see the moon?

To Do: Create a picture of the Moon.
You may paint, draw or make a collage using colourful patterned paper or old magazines cut-out.

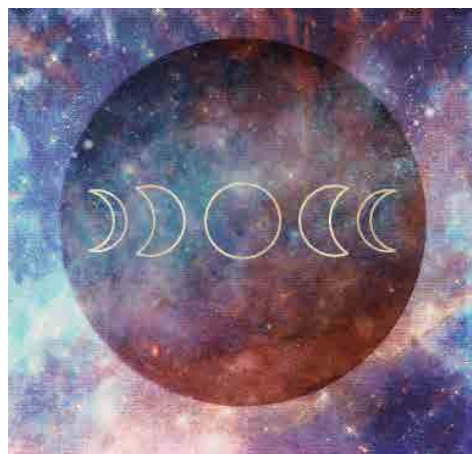
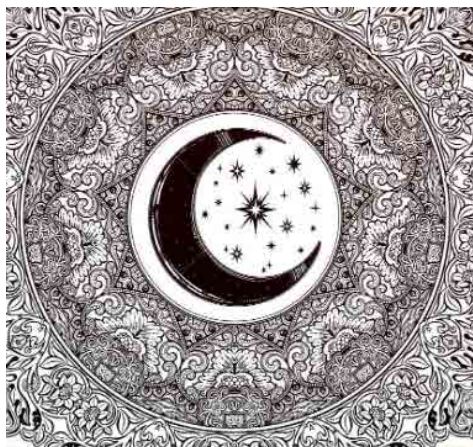
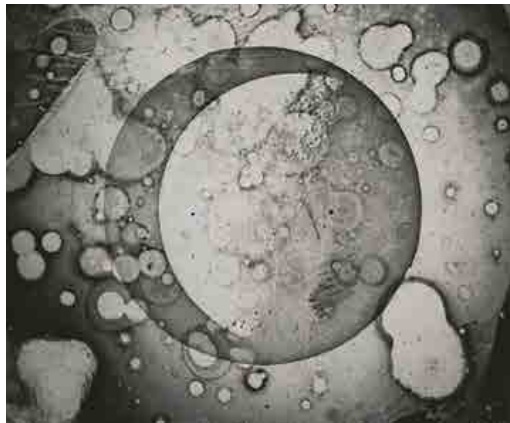
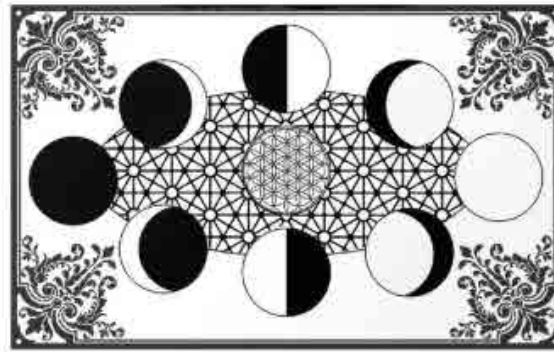




Activity 2: The MOON'S Phases

The Moon's appearance from Earth constantly changes as it travels around the earth (this is called orbiting). Some nights we see the full moon and other nights we see just a small part of the moon.

To Do: Have you observed the Moon look different on different nights? Create a picture of the different Moon phases as you have seen them. The pictures below show how other artists have created pictures of the phases of the Moon.





Activity 3: Exploring the MOON

Would you like to take a trip on the moon's surface?

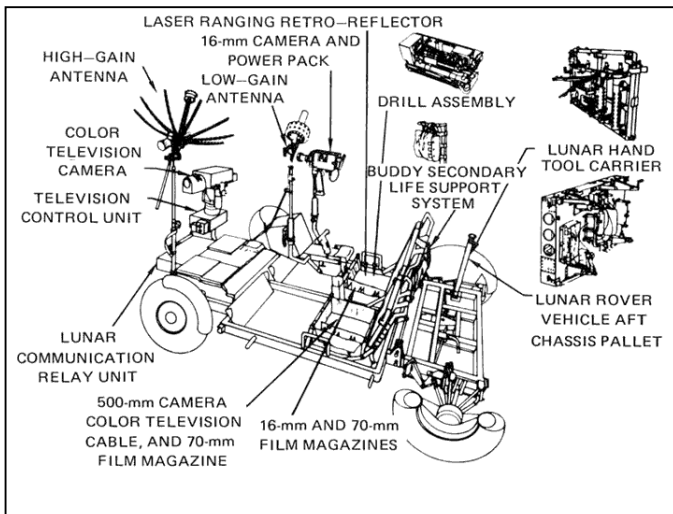
The Moon is the only planet-like object in space, other than Earth, where humans have set foot. American astronauts Neil Armstrong and Buzz Aldrin in July 1969 were the first people to walk on the moon.

To Do: Imagine you are an astronaut on the Moon and want to go for a drive to explore its surface on a specially designed vehicle called rover.

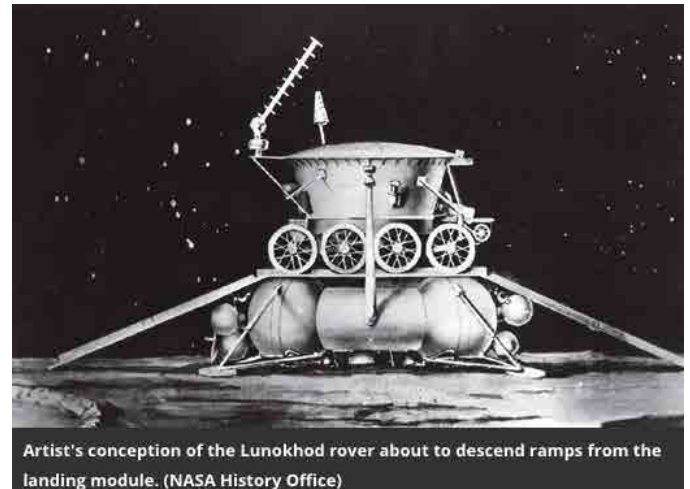
What will your vehicle look like? Make a drawing of it.

Can you build one by using recycled material you may find around your home? All it takes are small unused cardboard boxes, bits and pieces of old broken toys, aluminium pie dishes and foil and lots of tape and glue.

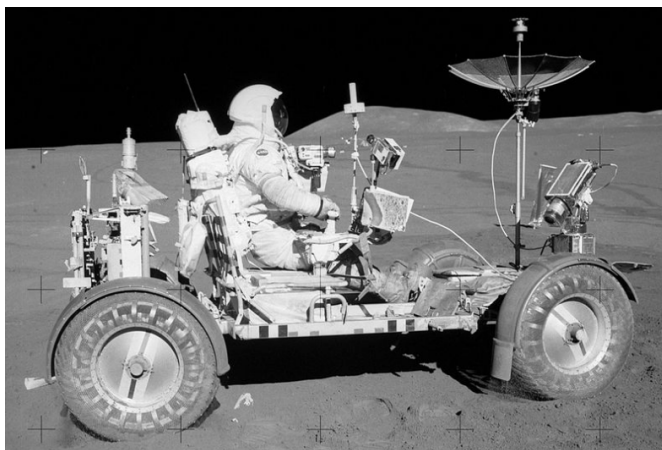
Have a go!



Lunar Rover diagram (NASA)



Artist's conception of the Lunokhod rover about to descend ramps from the landing module. (NASA History Office)



Apollo 15 - Commander David Scott drives the Rover near the LM Falcon

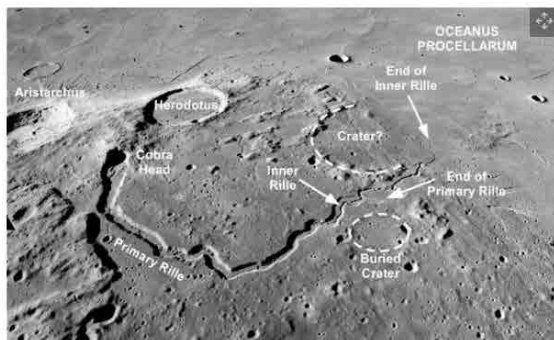


Activity 4: A room on the MOON

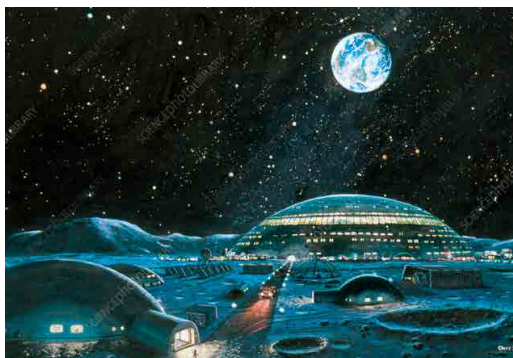
Would you like to live on the Moon?

Perhaps in a non-to-distant future living on the Moon may be possible. The Moon is full of Lunar Lava tubes which are tunnels under the Moon's surface formed during volcanic eruptions millions of years ago. They are hollow and quite large. If humans want to live on the moon these natural tunnels could provide protection from the Sun's heat as well as meteorites that crash into the moon's surface. These tunnels could be made bigger to allow communities of humans to live.

To Do: Imagine a city built inside a lunar lava tube.
Create a picture of it.



Southeast view across Vallis Schröteri (Apollo 15 Metric Image AS15-M-2612).
(Image credit: NASA/JSC/Arizona State University)



Activity 5: MOON visitors

Perhaps aliens have visited the moon too and these creatures are lurking around.

Scientists are always searching for signs of alien life form in the universe. If humans can travel through space in a rocket — maybe aliens could, too.

To Do: Imagine that as you are exploring on the moon you come upon a group of strange-looking creatures. Since you don't know if they are friendly or dangerous you hide behind a rock and take a picture.

What do these creatures look like?

Model a few creatures with plasticine or play dough.

(You can have fun making your own play dough at home.

See <https://www.bbcgoodfood.com/howto/guide/playdough-recipe>)

