

# Moon Zoom!



These activities are for you to do at home with an adult. You can do all of them or choose the ones that you find most interesting.

## Activities

1. Find out and write down the names of the planets in our Solar System. Place them in order, based on their distance from the Sun.
2. Choose your favourite planet from our Solar System. Find out and write six interesting facts about it. Tell an adult your interesting facts.
3. With adult supervision, use the internet to find out and record the names of five people who have travelled into space. Have any of the people that you have chosen walked on the Moon?
4. Constellations are shapes made by stars in the night sky. Use an app, such as Star Tracker, to find out the names of some different constellations. Draw and label two constellations.
5. Wood, plastic, metal, glass, water, rock, paper, foil and fabric are all materials that are found on Earth. Find examples of each material and describe their properties using the useful words to help.

### Useful words

- absorbent
- bendy
- dull
- hard
- not waterproof
- opaque
- rigid
- rough
- shiny
- smooth
- soft
- stiff
- stretchy
- transparent
- waterproof

6. Lunar roving vehicles are used to travel on the Moon's surface. Use a range of materials to make a model of a lunar vehicle. Draw and label a diagram of your lunar vehicle to show what materials you have used for each part and the materials' properties.



7. Visit BBC Bitesize KS1 – The Moon. Watch the video, then use the useful words to write some sentences to share what you have learned about the Moon.

### Useful words

- crater
- light
- meteorite
- mountain
- orbit
- reflect
- sea
- Sun
- surface
- water
- weather

8. Write a short non-chronological report about an astronaut of your choice. Remember to use a clear title, subheadings, diagrams, illustrations with captions and vocabulary specific to the topic.
9. Finish your home learning by writing some sentences or explaining to an adult what you have learned about planets, space travel and materials and their uses.

### Useful websites

BBC Bitesize – Earth and Space

BBC Bitesize – The Moon

NASA – Space Place – Solar System

BBC Bitesize – Materials

Kiddle – Astronaut facts for kids

### Good reads

| Title   | Author               | ISBN          |
|---|----------------------|---------------|
| Space (First Fabulous Facts                                     | Ladybird             | 9780723288534 |
| Look Inside: Space  | Rob Lloyd Jones      | 9781409523383 |
| Materials   | Anne Giulieri        | 9781474792714 |
| Experiments in Material and Matter with Toys and Everyday Stuff | Natalie Kim Rompella | 9781474703567 |

