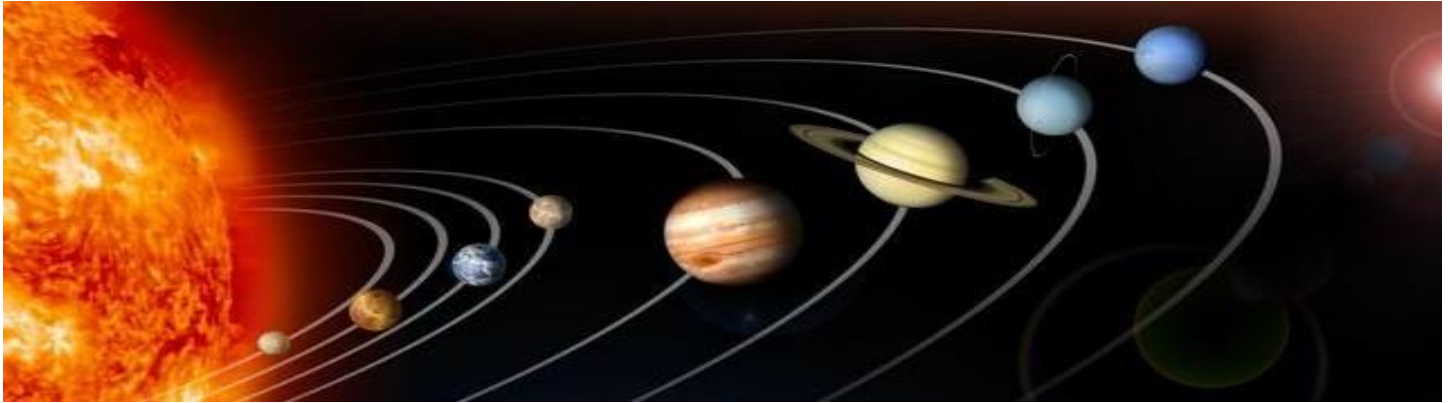


Earth and Space

This term we are going on a journey into space, learning about the planets in our solar system as well as finding out more about the moon, stars and constellations that you can see at night. We will be looking at the Earth from space and identifying the main continents and oceans, mountains and rivers as well learning about the 'Space Race' which led to man walking on the moon!



Your task is to complete 3 of the following by the end of term:

- Make a model of Apollo 11 or another space craft or satellite that was sent to space.
- Pretend you are Neil Armstrong and write a diary entry as if you have just been the first man to walk on the moon. What was it like? How did you feel?
- Use a book, an app or the internet to help you to locate features in the night sky. Examples include natural objects, such as the Moon, planets, constellations and nebula, or man-made objects, such as the International Space Station. Can you make a map of the night sky?
- Before clocks and watches were invented, people used sundials to measure the passage of time. Make a shadow clock or sundial, using instructions found online. Use your creation to tell the time and consider how accurate it is compared to modern clocks. Explain to an adult how your shadow clock or sundial works, describing the movement of the Earth relative to the Sun in your explanation.
- Many 'Wonders of the World' can be seen from space including: The pyramids in Egypt, The Great Wall of China, The Himalayan mountain range and The Grand Canyon in USA. Choose one of these amazing 'wonders' to write a fact file about. Can you include a photo of it from space?
- Find out about the following types of moon: blood moon; supermoon; blue moon and harvest moon. Why have they been called this? When do they happen? How often can you see a moon like that?
- Research what life is like living on board the international space station and write explanations on how they do everyday tasks like, eat, sleep and bathe.