

Vocabulary

The Sun	The largest object in the solar system that the solar system was named after
Planets	Large spheres of rock that orbit around the sun
Moons	Large balls of rock that orbit planets
Asteroids, Meteors, Meteorites, Comets	An example of another rocky object that can be found in the solar system
Dust and gas	Left over material from stars that have exploded in the past

Astrology

The belief that the motion of the stars and planets affects human lives

Astronomy

The scientific study of anything in space outside of the Earth's atmosphere

A very hot ball of gas where nuclear fusion happens

The Sun



Inner rocky planets

- Closer to the Sun
- Mostly solid rock
- The warmer planets
- Smaller
- Take less time to orbit the sun

Mercury



Venus



Earth



Mars



Outer gas giants

- Further away from the Sun
- Mostly made from gas
- The colder planets
- Often have rings
 - of dust and rock around them
- Larger
- Take more time to orbit the sun

Jupiter



Saturn



Uranus



Neptune

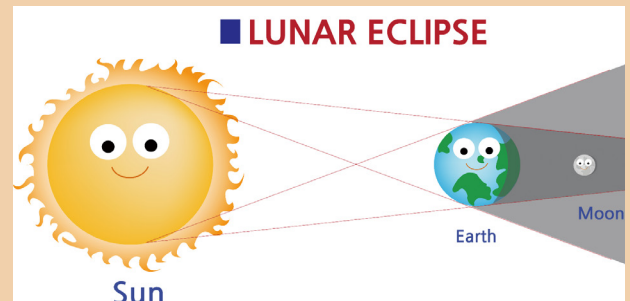


The universe and the Big Bang

The universe	All the stars, planets, rocks and dust in space
Galaxy	A group of stars held together by gravity
Big Bang theory	The theory that all matter in the universe started in a single point that exploded outwards
Dwarf star	A smaller cooler star without nuclear fusion
Star colour	Hot stars are closer to blue, colder closer to red

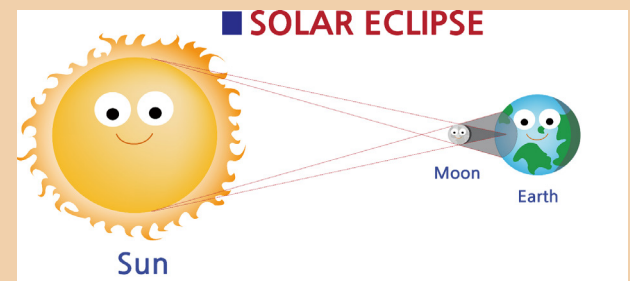
Lunar eclipse

When the Earth blocks the light from the Sun as the Moon moving into the Earth's shadow

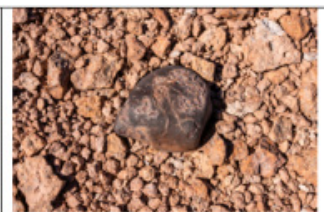


Solar eclipse

When the moon blocks the light from the sun to create a shadow on Earth



Meteor



Meteorite



Asteroid



Comet