

## Space Unit

- Know about the earth's rotation (How long it takes and what does it cause?)



1 day - Days

- Know about the earth's revolution (How long it takes and what does it cause?)



1 year (365) - Seasons

- Know which planets are terrestrial planets and which are gas giants

Mercury  
Venus  
Earth  
Mars

Jupiter  
Saturn  
Neptune  
Uranus

- Know the orbital period of earth

1 year (365)

- What is a light year?

distance / time

- What is a constellation, nebula, black hole, super nova?

-> Constellation - Stars forming shapes

Nebula - Beginning stages of star, or galaxy

Black hole - End result of stars life cycle

- Asteroid belt and between which planets

What it is  
- Mars and Jupiter

-> A fifth Terrestrial Planet

- Jupiter's gravity did not allow it to form

- Parts of the sun (diagram)

- Shapes of the galaxy

- Draw and explain a diagram for the reasons of our seasons

- Explain the difference between a comet and a meteor

- Explain the steps of different sized stars burning out (regular size vs. massively large)