

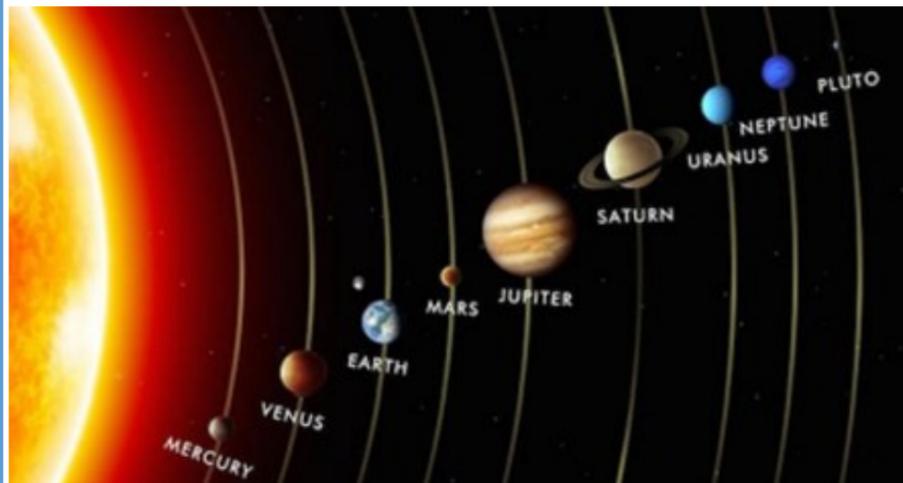


Is the sky really the limit?

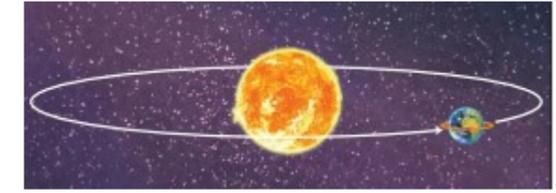
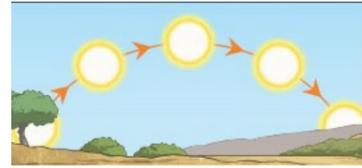
Sequence of the Planets:



Mercury	The smallest planet
Venus	The largest in the sky from Earth
Earth	The only planet with water on the surface
Mars	Known as the 'Red Planet'
	Asteroid Belt
Jupiter	The largest planet, a gas planet
Saturn	Famous for its rings, a gas giant
Uranus	A gas giant
Neptune	Blue in colour due to high methane levels
Pluto	This used to be a planet but is now known as a 'dwarf planet'.



The Earth rotates on its axis and completes a full rotation once every 24 hours. At the same time as rotating on its axis, the Earth is also orbiting the sun. It takes 365 days for the Earth to orbit the sun. Daytime occurs when the side of Earth is facing the sun. Night occurs when the side of Earth is facing away from the sun.



- Orbit** The curved path in space that is followed by an object going round and round a
- Planet** A large, spherical object in space that moves around a star.
- Solar System** The sun and all the planets that go around it.
- Rotation** The action of moving on an axis or centre.
- Axis** An imaginary line that runs through the middle of an object.
- Celestial Body** A natural object that exists outside the Earth's atmosphere.



Katherine Johnson



Katherine was born August 26, 1918, in White Sulphur Springs, West Virginia. Her community did not offer public schooling for African Americans past the age of 14, so her parents paid for her to attend a school 125 miles away. Katherine loved learning and in particular mathematics. At the age of 18, she had degrees in French and Mathematics. She overcame prejudice and discrimination to work on Project Mercury, which sent the first American astronauts into space. She was also responsible for calculating the journey on Apollo 11- the first mission to the moon.



Along with a number of other women, Katherine has been responsible for paving the way for female women in the space industry.



Famous People



Social Pyramid



Transport and Travel



Location



Food and Farming



Main Events



Vocabulary



Clues from the Past



Impact on the World