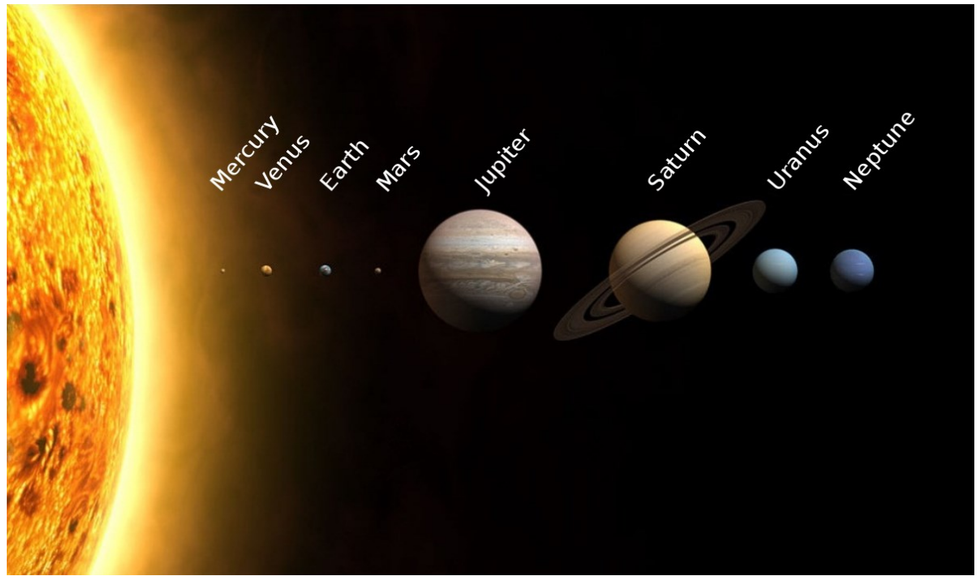
Could You Zip Around Space?

The Sun does not move at all. It seems to us that the Sun moves because of the movements of the Earth.	The Sun, Earth and Moon are roughly spherical bodies. An ancient Greek discovered that the Earth was a sphere through investigating shadows.
Mercury, Venus, Earth and Mars are rocky planets. They are mostly made up of metal and rock. Jupiter, Saturn, Uranus and Neptune are mostly made up of gases.	Earth rotates (spins) on its axis. It does a full rotation once in every 24 hours. Whilst Earth is rotating, it is also orbiting around the Sun. It takes 365 days to orbit the sun. Daytime occurs when the side of Earth is facing towards the Sun. Night occurs when the side of the Earth is facing away from the Sun.



Stone age 10,000 BC
The Egyptians 3100 BC
The Mayans 1800 BC
240 BC
1AD
Robert Bakewell 1725
The Victorians 1837
2021

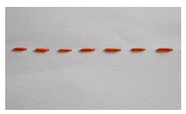
Sun	A huge star that Earth and the other planets in our solar system orbit around.
Star	A giant ball of gas held together by its own gravity.
Moon	A natural satellite which orbits Earth or other planets.
Planet	A large object, round or nearly round, that orbits a star.
Sphere	A round 3D shape in the shape of a ball.
Axis	An imaginary line that a body rotates around.
satellite	Any object or body in space that orbits something else, for example: the Moon is a satellite of Earth.
orbit	To move in a regular, repeating curved path around another object.
rotate	To move or make move in a circle round an axis or centre.

The Ancient Greeks discovered the Earth was spherical.

The Romans 27 BC

Materials can be joined with glue, velcro, buttons, zips or a variety of stitches.

Running Stitch



An even stitch made to be permanent

Basting Stitch

A longer, temporary stitch

Invisible Stitch

Stitching two materials together that, when pulled, becomes invisible.