**IO1.B – Video 15 Let’s go in to orbit**

**Glossary**

**Force:**

A force is a push or pull on an object. A force can cause an object to accelerate, slow down, remain in place, or change shape.

**Space:**

Space is the area beyond the limit of the atmosphere of the Earth. Space is a vacuum.

**Mass:**

Mass is a measure of the amount of matter in an object. It is not affected by gravitational pull.

**Gravitational Pull:**

Gravitational pull is the force of attraction between bodies that have mass. The Earths gravitational pull causes objects to have weight, to accelerate in freefall, and to orbit the Earth.

**Exert:**

To exert is to apply force to an object.

**Satellite:**

A body in orbit around another body in Space, such as the Moon orbiting the Earth.

**Symmetrical:**

Symmetrical is when objects are made up of exactly similar parts facing each other or around an axis.

**Infinite:**

Infinite describes things that are endless like the Universe.

**Deviate:**

Deviate is to move from a standard course or pattern.

**Stable:**

Stable describes something that is fixed, steady and unchanging.