

Year 5 - Animals inc. Humans

Human Life Cycle



baby



toddler



child



teenager



adult



senior

Key vocabulary

Adolescent

Adult

Baby

Birth

Child

Conception

Death

Develop

Egg

Elderly adult

Exercise

Fertilisation

Foetus

Gestation period

Hormones

Puberty

Sperm

Toddler

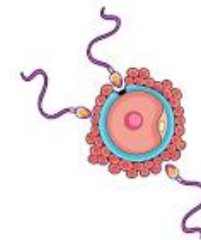
Womb

In the Womb

Fertilisation happens when a **male sex cell** and a **female sex cell combine** and begin to grow into a **foetus**.

Women have a **special organ** called a **womb** which they grow the foetus in until the baby is ready to be born.

Human babies develop for **9 months** in the womb.



Forces

A **force** is a **push** or **pull** that acts upon an object. We can't see forces, but they are an important part of our everyday lives. We **push** and **pull** objects to do many different things. When we **push** or **pull** objects we can move the object, change the shape of the object or make the object change direction.



Issac Newton was a scientist who developed the first description of the force of gravity. Newton said that he started thinking about gravity after watching an apple fall from a tree but it did not actually hit him on the head, as it is often claimed!

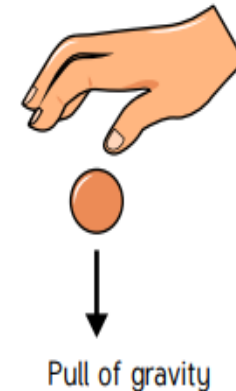
Year 5 Forces

Key vocabulary

Attract	Lever
Balance	Mass
Changes direction	Mechanism
Changes Shape	Newtons
Contact	Pull
Distance	Pulley
Efforts	Push
Energy	Repel
Force	Resistance
Friction	Slows down
Gear	Speeds up
Gravity	Stops
	Weight

Gravity

Gravity is a force which acts at a distance. It is a pull force that pulls objects towards the centre of the Earth. The planets and the Sun do not touch, yet the planets stay in orbit around the Sun due to the force of gravity.



Friction

Friction is a force created between two surfaces when they rub together. Friction creates heat and always slows down an object. Rough surfaces create more friction than smooth surfaces.