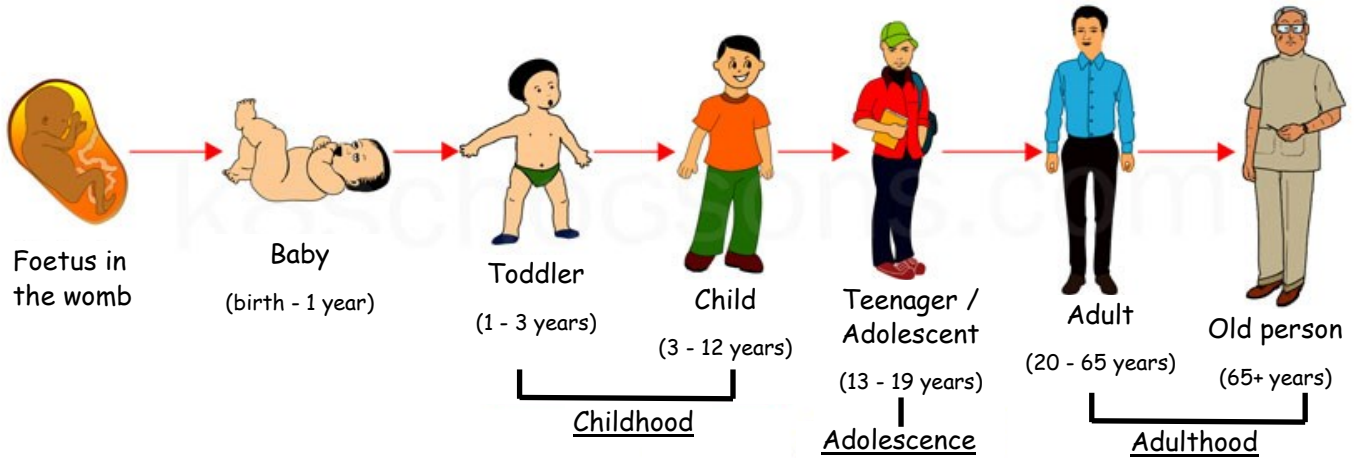


Year 5:

Animals including Humans

Key Learning



What is puberty?

- Puberty is the change that happens in late childhood and adolescence where the body starts to change because of hormones.
- Some changes include growth in height, more sweat, hair growth on arms and legs, under the armpits and on genitals, and growth in parts of the body such as male genitals and breasts.

Gestation periods

Species	Days
Asian Elephant	645
Cow	284
Human	266
Chimpanzee	227
Black Bear	210
Lion	108
Dog	63
Rabbit	33

Sticky Vocabulary

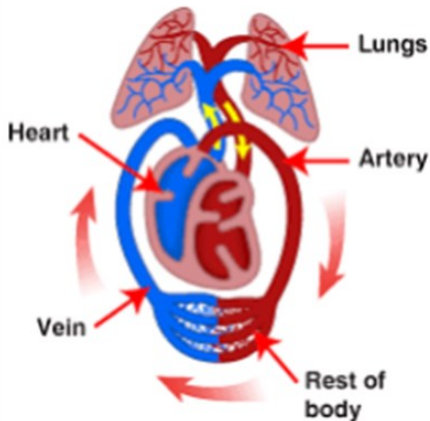
gestation	The process in which a foetus grows before it is born.
reproduce	When an animal or plant produces young.
life cycle	The changes living things go through from the start of their life to death.
adolescence	The stage of life when your body changes to prepare for adulthood.
adulthood	The stage of life when a human is fully grown and mature.
puberty	The physical stage of development between childhood and adulthood.
hormones	A chemical, usually occurring naturally in your body, that makes an organ of your body do something.

Year 6:

Animals including Humans

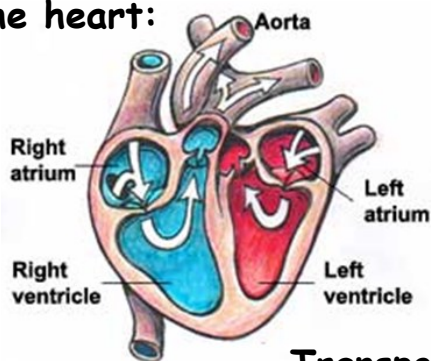
Key Learning

The circulatory system:



- All animals including humans have a circulatory system.
- The heart pumps blood and keeps it flowing in the circulatory system. It never stops pumping blood whilst you are alive.
- Blood helps **oxygen** get around your body. It also delivers nutrients and water to the different parts of your body and then carries waste such as **carbon dioxide** away. Your blood is always red in colour.

The heart:



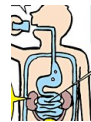
- Your pulse tells you how fast your heart is

We need to look after our bodies and keep them healthy. We can do this by exercising regularly and eating a balanced diet. Drinking alcohol, smoking tobacco and taking certain drugs can have a negative impact on our bodies.

Transportation of water in the body



Rehydration: water is drunk through the mouth



Absorption: water is absorbed by the intestines and is carried in the blood



Transportation: water is taken within the blood to different parts of the

Sticky Vocabulary

circulatory system	Made up of the heart , blood vessels and blood. This is the system that transports nutrients around the body.
blood	Red liquid that circulates in arteries and veins, carrying oxygen to and carbon dioxide from tissues in the body.
blood vessels	A series of tubes in the body that move blood around
heart	An organ in the body that pumps blood. It is the size of your fist and is found slightly to the left of your chest.
pulse	The pumping of blood through the body.
lungs	Organ in the chest used for breathing.
oxygen	A colourless gas that humans and animals need to breath.
carbon dioxide	A gas that is breathed out by by people and animals.
drug	A substance that someone might take.