

# Year 5 Science Knowledge Organiser - Animals Including Humans.

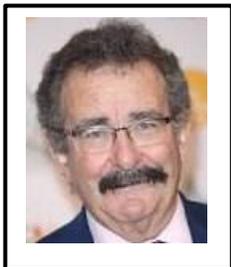
Word	Definition
Adolescence	The period of your life in which you develop from being a child into an adult.
Adulthood	The period of life where you are an adult.
Development	The gradual growth or formation of something.
Foetus	An animal or human being in its later stages of development before its born.
Gestation	The process in which babies grow inside their mother's body before they are born.
Growth	An increase in something
Hormones	A chemical, usually occurring naturally in your body, that makes an organ of your body do something.
Infancy	The period of your life when you are a very young child.
Life Cycle	The series of changes that an animal or plant passes through from the beginning of its life until its death.
Life Processes	There are seven life processes that every living thing has in common.
Puberty	The stage in someone's life when their body starts to become physically mature.
Reproduction	A part of the life cycles of plants and animals is that they produce offspring.

## Human Life Cycle:

- **New born:** this is a baby that has just been born.
- **Infancy:** this is a period of rapid change. Many toddlers learn to walk and talk at this stage.
- **Childhood:** children learn new things as they grow. They become more dependent.
- **Adolescence:** this is when the body starts to change and prepare itself for adulthood. Hormonal change take place over a few years. This is also known as puberty.
- **Early adulthood:** this is when humans are usually at their fittest and strongest. Normally the time when reproduction happens.
- **Middle adulthood:** changes such as hair loss may happen. There are also some hormonal changes again and the ability to reproduce decreases.
- **Late adulthood:** there is a decline in fitness and strength.

All living things go through these 7 life processes:

Movement, Respiration, Sensitivity, Growth, Reproduction, Excretion, Nutrition.

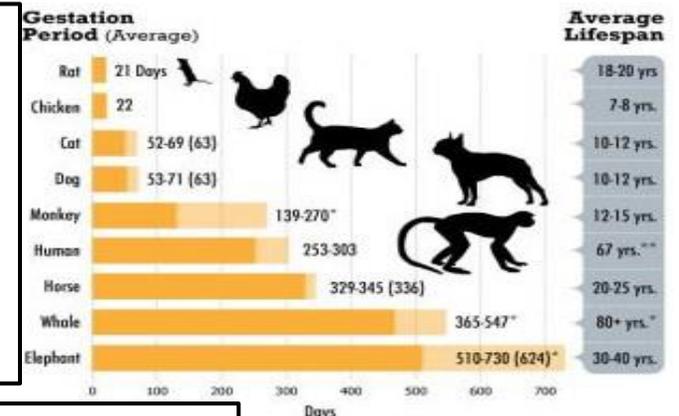


A significant Scientist - Linked to the topic of Animals Including Humans:

Robert Winston (1940 -)

A professor of fertility and reproduction in humans. He also presented the TV show Child of our Time which looked at how children grow and change in the first 20 years of their lives.

Gestation periods:~  
The process in which babies grow inside their mothers body before they are born. This period differs between species.



Sticky knowledge is in red!