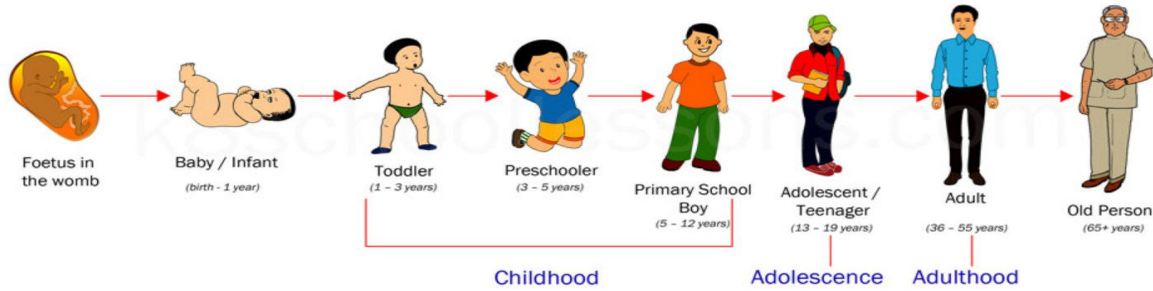




Topic: Animals including Humans

Year: 5

Timeline of growth



Key Vocabulary

Life cycle	The changes a living thing goes through, including reproduction.
Fertilization	The process of the male and female sex cells fusing together.
Prenatal	The stage of development from the time of fertilization to the time of birth.
Gestation	The process or time when prenatal development takes place.
Reproduce	To produce young.
Puberty	Puberty is the process of physical changes through which a child's body matures into an adult body.

Enquiry Questions

- How do humans change with age?
- What are gestation periods and how do human babies grow?
- How do we change when we reach puberty?
- How long might we live and what changes might occur in our old age?

Key Information

Stages of human growth:

Prenatal ~ The cells develop and grow into a foetus inside the mother. After around nine months, the baby is born.

Infancy ~ Rapid growth and development. Children learn to walk and talk.

Childhood ~ Children learn new skills and become more independent.

Adolescence ~ The body starts to change over a few years, this change is called puberty. The changes occur to enable reproduction during adulthood.

Early adulthood ~ The human body is at its peak of fitness and strength.

Middle adulthood ~ Ability to reproduce decreases. There may be hair loss or hair may turn grey.

Late adulthood ~ Leading a healthy lifestyle can help to slow down the decline in fitness and health which occurs during this stage.

The life expectancy of a human in the U.K. is 81.5 years.

Retrieval Quiz

- 1) What is a life cycle?
- 2) What are the stages of human growth?
- 3) What is the gestation period for a human?
- 4) When do humans have rapid growth and development?
- 5) When does puberty occur?
- 6) Why do humans go through puberty?
- 7) What is reproduction?
- 8) What are the three stages of adulthood?
- 9) How do humans change during adulthood?
- 10) What is your life expectancy?

Useful websites