



Learning Journey Map

Year: **5**

Subject: **SCIENCE**

Term: **SUMMER 2**

Topic: **ANIMAL INCL. HUMANS**

Driving Question: See Anglo-Saxons and Vikings
Power Skill: Critical Thinking

National Curriculum Learning Objectives

- describe the changes as humans develop to old age.
- Also covered during PSHE RSE lessons

Key Vocabulary

embryo

foetus

infant

infancy

childhood

puberty

adolescent

adolescence

adulthood

Key Learning

The human lifecycle goes through 5 main stages:

Prenatal

Prenatal means before birth. This stage of development is from the time of fertilisation (when the male and female sex cells fuse together) to the time of birth.



Infancy

This stage of development is from birth to 2 years old. This includes babies and toddlers. The rate of physical development is fast at this stage. Infants are totally dependant on others for food and care.



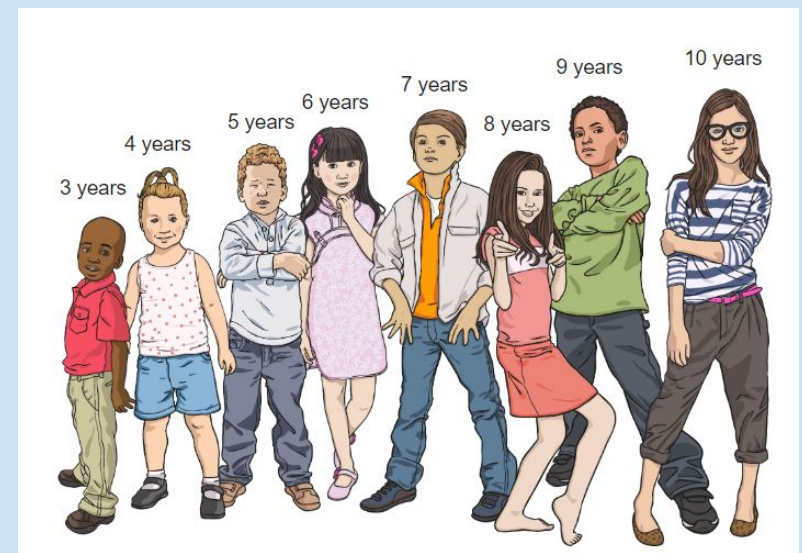
Explore and Investigate

Resources:

Key Learning

Childhood

This stage takes place between the ages of 3 and 10. Physical growth is more steady. Children are able to feed themselves. They can increasingly take care of important physical needs. There is significant brain development.



Adolescence

The World Health Organisation defines an adolescent as being a young person aged between 10 and 19. Puberty results in changes in the body. Boys' bodies start changing from around age 12 but it can be earlier or later. Girls' bodies start changing from around the age of 9 but it can be earlier or later. The changes don't all come at once. They happen over a few years. These changes occur to enable reproduction during adulthood. Adolescents are increasingly independent and there is even more brain development.

Adulthood

This can be further split into 3 stages:

- Early adulthood- This stage of development takes place from the ages of 18/19 to 39. The human body is at its peak of fitness and strength. There is still some growth but not of height. This is the age at which most humans reproduce. Humans are able to take care of their physical needs completely independently.
- Middle adulthood- This stage of development takes place between 40 and 59 years of age. Both male and female ability to reproduce declines with age. Women experience menopause in their 40s or 50s when they no longer produce eggs.
- Late adulthood- This is the last stage of human development and takes place after the age of 60. There is no physical growth although mental development is possible. The body declines in fitness and health. Some older people can become more fragile physically. This can sometimes result in increasing dependency on others to care for them. The end of the human life cycle is when a human dies. (The age at which this happens varies and is not simply dependent on physical factors.)