

Animals, Including Humans (Y5)

Vocabulary

adolescent: Someone who is in the process of changing from a child into an adult

dependent: A person who relies on another for help and support.

foetus: An unborn or unhatched offspring of a mammal.

gestation: The period of time developing inside the womb between conception and birth.

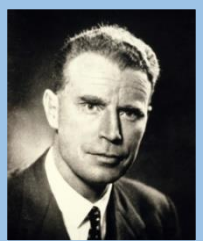
independent: A person who does not rely on other people for help and support.

puberty: The period in which adolescents begin to mature eventually becoming capable of reproduction.

stages of development: The different changes that humans go through at different points in their lives.

Important People

Ian Donald (1910- 1987)



In the 1950s, he met an engineer who was using **ultrasound** to check for cracks in welds. He began to wonder whether the same technique could be used to look at **human tissue**. After much trial and error, in 1970 he was able to use **ultrasound** for the first time to image the development of a **foetus**.

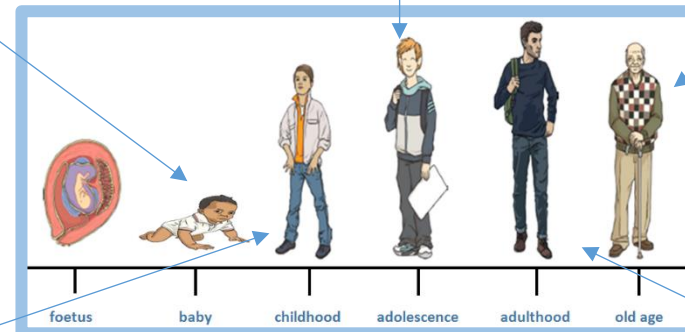
Big Ws: Human Life Cycle

➤ The human life cycle goes through six stages: **foetus, baby, childhood, adolescence, adulthood, old age**.

➤ Up until 1 years old, **babies** learn to grasp, eat solid food, babble and move.

➤ Humans develop greater independence during **adolescence**. They also go through puberty.

➤ The body declines during **old age** and humans become more dependent on others.



➤ During **childhood**, humans develop the ability to talk, walk, write and feed and dress themselves.

➤ **Adulthood** is when humans can take care of all of their physical needs and the body is at its physical peak.

➤ In animals, the **gestation period differs**. This results in **offspring being born at different stages of development**.