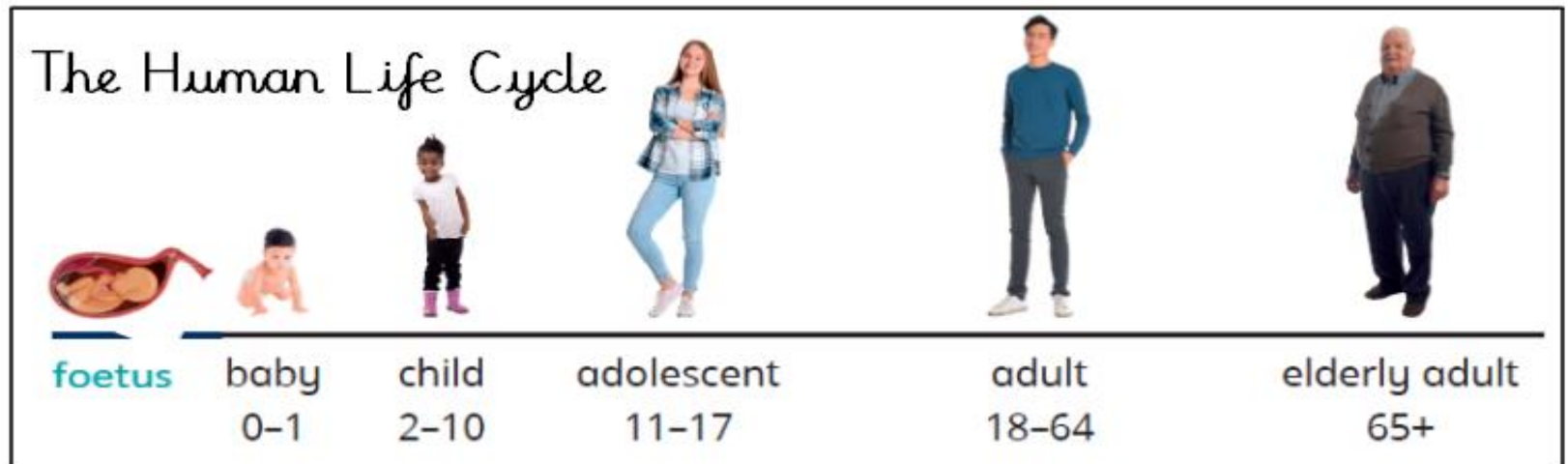


Animals
including
Humans



- **reproduce** – to produce offspring



- **offspring** – the young of a living thing



- **gestation** – the period of time that a foetus develops in its mother's womb



- **womb** – the organ in mammals in which a baby develops



- **milestone** – a significant event in a person's life
- **lifespan** – the period of time that an animal is alive

Key Knowledge

The human life cycle	- The human life cycle has six main stages - foetus, baby, child, adolescent, adult and elderly adult, - Every human goes through the same life stages in the same order. - All humans start their life as a foetus inside their mother's womb. - Humans can reproduce after puberty.
Babies and children	- Babies are dependent on adults for warmth, food and comfort. - Most babies and toddlers hit milestones like crawling and walking before they reach the age of 2. - Throughout childhood, children's mass, height and brains develop rapidly.
Adolescence and puberty	- Puberty - the process that prepares humans for reproduction. - Hormones - chemicals released by the body during puberty which cause changes (physical and emotional.) - Key female changes in puberty: start of periods, growth of underarm and pubic hair, mood swings, spots and growth of breasts. - Key male changes in puberty: growth of body hair, growth of penis and testicles, mood swings, spots and deepening of voice.
Adults and the elderly	- A person is classed as an adult from age 18 onwards and an elderly adult from approximately 65. - During adulthood the rate of growth slows down and the body is fully developed. - The human body changes with age - skin loses elasticity, wrinkles form, bones may become weaker and height may decrease.
Gestation periods of mammals.	- Humans are mammals because they are warm-blooded, give birth to live young and feed their offspring on milk. - Gestation is the period of time that a foetus develops in its mother's womb. - Mammals have different gestation periods - human gestation is approximately 9 months.
Gestation periods and lifespan	- The lifespan of an animal is how long it is alive. - Usually, the longer the gestation period of an animal, the longer its lifespan. - Humans have a relatively short gestation period compared to their lifespan.

Enquiry Question: Are there patterns linking gestation periods and lifespan?