



Big Question:

How do humans change as they grow?

Key Vocabulary:

Offspring: The child of a human, animal or plant.

Reproduction: The production of offspring.

Sexual: Involves two parents (one male and one female) and produces offspring that are different from the parents

Puberty: A time in the human life cycle when the body goes through changes to become an adult

Death: When the life cycle ends

Develop: To grow to become more mature or advanced

Hygiene: Maintaining health and preventing disease by keeping clean

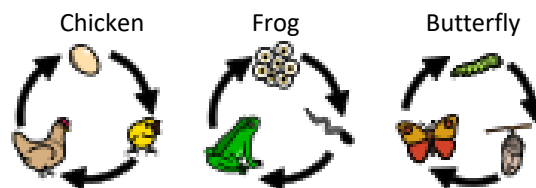
Knowledge from Y2 that will help me answer the big question:

Human offspring go through different stages as they grow to become adults.



Some plants grow from a seed and some plants grow from a bulb.

Animals have offspring that grow into adults. Different animals have different stages of growth.



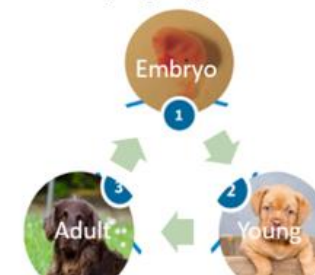
New knowledge that will help me answer the big question:

A life cycle is the series of changes in the life of a living thing and includes these basic stages: birth, growth, reproduction and death.

Life Cycle of Amphibian



Life Cycle of a Mammal



New knowledge that will help me answer the big question:

- Humans reproduce sexually. Fertilisation happens when a male sex cell and a female sex cell combine and begin to grow into a foetus. Women have a special organ called a womb which they grow the foetus until the baby is ready to be born. Human babies develop for 9 months in the womb.
- Humans go through characteristic stages as they develop towards old age. These stages include baby, infant, toddler, child, adolescent, young adult, adult and senior citizen.



New knowledge that will help me answer the big question:

Puberty is when bodies change from a child to an adult. This happens during teenage years.



You may sweat more. When sweat mixes with bacteria on your skin, it can smell or cause bad odour (BO). It is important to wash regularly. This can also help prevent illness.



You may develop spots on your face, neck, back or chest. Some people develop lots of spots and some hardly any. It is completely normal.



Hair grows in new places such as under your armpits. Boys also grow facial hair like beards or moustaches.



Puberty can be a very emotional time due to the changes in hormones in your body. We may feel more upset or angry than usual. It is important to talk about these emotions to someone you trust.

As a scientist, the essential knowledge I need to answer the big question is:	Date
<p>A life cycle is the series of changes in the life of a living thing and includes these basic stages: birth, growth, reproduction and death. Mammals' life cycles include the stages: embryo, baby, adolescent and adult. Amphibians' life cycles include the stages: egg, larva (tadpole), adolescent and adult. Some insects' (butterflies, beetles and bees) life cycles include the stages: egg, larva, pupa and adult. Birds' life cycles include the stages: egg, baby, adolescent and adult.</p>	
<p>Humans go through characteristic stages as they develop towards old age. These stages include baby, infant, toddler, child, adolescent, young adult, adult and senior citizen.</p>	
<p>Puberty is the transition between childhood and adulthood.</p>	
<p>Puberty is the period during which adolescents reach sexual maturity and become capable of reproduction. It causes physical and emotional changes.</p>	
<p>Specialised equipment is used to take measurements in standard units. Examples include data loggers, plus sensors, such as light (lux), sound (dB) and temperature (°C); timers (seconds, minutes and hours); thermometers (°C), and measuring tapes (millimetres, centimetres, metres).</p>	
<p>An observation involves looking closely at objects, materials and living things. Accurate observations can be made repeatedly or at regular intervals to identify changes over time.</p>	
<p>Data can be recorded and displayed in different ways, including tables, bar and line charts, classification keys and labelled diagrams.</p>	