



Frogs – Science KCV – Animals including Humans



Key facts to learn:

- Know that humans go through stages of development; they begin as fertilized eggs and then develop into embryos before developing into babies
- Once they are born, these newborn babies become infants (roughly 2 months to 2 years) then into young children (roughly 2-12 years old)
- Children develop into adults during adolescence (roughly 12-16 years old) at which age they become physically capable of reproduction
- As adults develop into old age (roughly 55+ years old) they experience changes in their body which require them to move more carefully and rest more frequently



Key skills to do:

- Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
- Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.
- Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
- Use test results to make predictions to set up further tests.
- Report and present findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations.

Words to know and spell (Tier 2 Vocabulary)

Baby	Grow	Eggs
Child	Length	Embryo
Toddler	Reproduction	Hormones
Teenager	Birth	Placenta
Adult	Fertilisation	Uterus
Puberty	Menstrual cycle	
Gestation	Puberty	

Words to understand and spell (Tier 3 Vocabulary)

Reproduction	The process by which living things produce offspring
Menstrual cycle	The process of ovulation and menstruation in women that happens about every 28 days
Puberty	The time when a boy or girl's body begins to develop and change as they become an adult
Gestation	The period of development where some animals carry their babies inside their bodies before they give birth

Concept check questions. Test yourself:

Describe the life cycle of a human.

Name 2 changes that happen to our bodies as we get older.

Opportunities for Investigation:

Identifying and classifying: Can you identify the changes in the human life cycle?