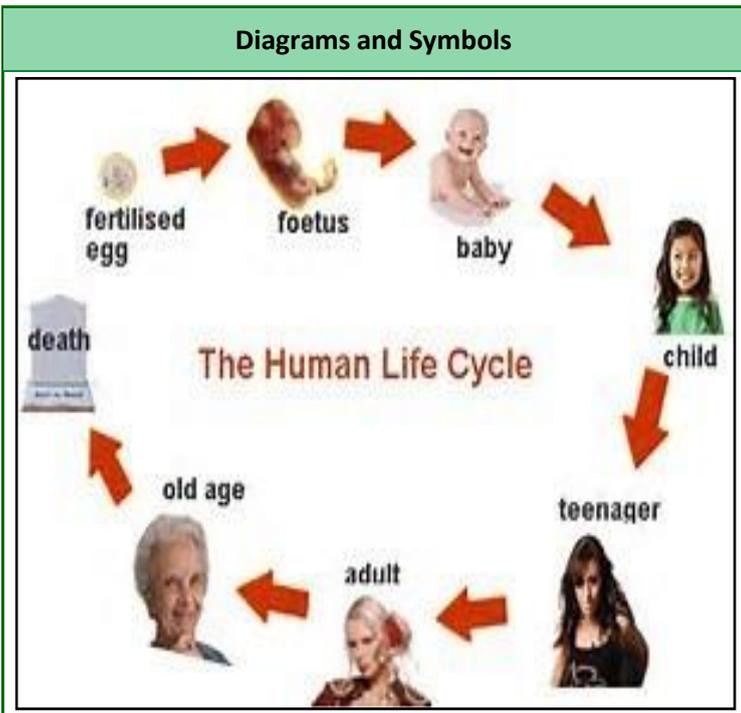


Uplands Manor Primary School – Science Unit Organiser

Science Topic:	Animals, including humans		Year 5	
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What? (Key Vocabulary)	
Spelling	Definition/Sentence
Testicles	The part of the body in men where sperm is produced
Sperm	The fluid that fertilises the egg
Fertilisation	The action or process of fertilising an egg
Foetus	Unborn or unhatched offspring of a mammal

What? (Key Knowledge)	
Human Growth	
The stages of human life	<ul style="list-style-type: none"> Fertilised egg Foetus Baby Toddler Child Teenager Adult Old age Death
Average UK life expectancy	Men: 79 Women: 82
Puberty	
What is puberty?	<ul style="list-style-type: none"> Puberty is when the body develops Puberty usually happens between the ages of 10 and 18 During puberty, the bodies of boys and girls begin to change
Changes for girls	<ul style="list-style-type: none"> Hair starts to grow on their bodies Breasts develop and hips widen Periods start
Changes for boys	<ul style="list-style-type: none"> Hair starts to grow on their bodies Hair starts to grow on their faces Testicles start to produce sperm



Recommended Experiments	
A minimum of two experiments should take place during this unit of work with one final written outcome linked to the scientific enquiry skills and approaches used.	
	Researching and describing the changes as humans develop into old age
	Using statistical analysis to determine the average age/height of our school; children, parents etc.
	Comparing the differences in the life cycles of a mammal, an amphibian, an insect and a bird
	Identifying patterns in data to determine if the average UK life expectancy has increased or decreased in the last 10 years

Builds on: learning in Year 4 - Autumn 1 - Unit: Animals, including humans	Learning links	Leads to: learning in Year 6 - Autumn 1 - Unit: Animals, including humans
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