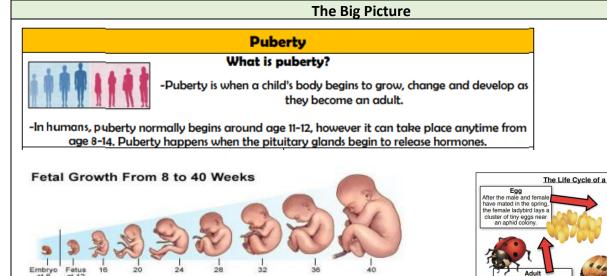
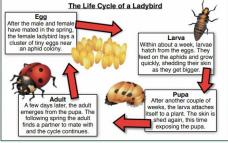
	Colney Heath School - Science						
Topic: Animals including Humans What should I already know?		Year: 5	Biology				
Wh	at should I already know?	Diagrams		Vocabulary			
into fish, reptiles - Some examples humans).	grouped into vertebrates (and then further s, amphibians, birds and mammals). of life cycles (including those of plants and	Classification of Animals	Mammal	A warm-blooded vertebrate animal, distinguishable by the possession of hair or fur, females secreting milk for young and typically giving birth to live young			
- Reproduction an processes. - How to live a he	nd growth are two of the seven life althy lifestyle.	Chordata Molluscs Arthropods	Reproduction	The production of offspring by a sexual or asexual process			
	Vocabulary	Mammals Birds Insects Arachnids	Sexual reproduction	This requires male and female parts and happens in both plants and animals. The offspring has some of the characteristics from both parents.			
Gestation	The process or period in which babies grow inside their mother's body before they are born.	Reptiles Fish Amphibians Crustaceans					
		Animal Life Cycles The life cycles of different types of animals can look very different.	Offspring	A person's child or children / an animal's young.			
Foetus	An unborn animal or human being in the very early stages of development.	While some animals (such as cats, dogs and humans) begin life looking like small versions of the adult, other animals (for example butterflies) go through distinct stages which are so different that it can be difficult to believe that they are the same animal.	Metamorphosis	The process of transformation from an immature form to an adult form in two or more distinct stages.			
Adolescence	The period of your life in which you develop from being a child into being an adult.	The length of lifespan varies greatly from species to species. Some animals move through their life cycle very quickly! Other animals have extremely long lifespans.	Lifespan / Life expectancy	The length of time for which something is alive.			
Puberty	The change that happens in late childhood and adolescence where the body starts to change because of hormones.	The Life Cycle of a Human	Egg	A round object that contains a growing embryo.			
Mature	When a child or young animal matures, it becomes an adult.	Embryo The entryo (also known as a keetus) grows inside the motifor's userus (worth). For about nice months, the entryo gate everything it needs to develop from its mother.	Embryo	An animal that has not been born (or hatched) yet.			
Teenager	A person aged between 13 and 19.		Hatching	When an egg breaks to allow a young animal to come out.			
Hormone	Hormones are special chemicals your body makes to help it do certain things – like grow up.	Adult Drive a person is hely					
Development	The gradual growth or formation of something.	arow, they can become a patent themselves. Adolescent During the trensge years, fot of charges happen as children's bodies prepare for adulthood					

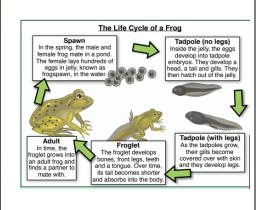


at 8 Weeks



Growth and Development of Animals					
Humans	House Mice	African Elephants	Saltwater Crocodiles	Blue Whales	
Gestation Period:	Gestation Period:	Gestation Period:	Gestation Period:	Gestation Period	
9 months	20 days	22 months	2-3 months	10-12 months	
Sexual Maturity:	Sexual Maturity:	Sexual Maturity:	Sexual Maturity:	Sexual Maturity:	
11-17 years	4-6 weeks	10-12 years	10-12 years	10 years	
Life Expectancy:	Life Expectancy:	Life Expectancy:	Life Expectancy:	Life Expectancy:	
80 years	1 year	60 years	70 years	90 years	
99	1			1	





By the end of our project we will know that

The life cycle of a living thing is a series of stages of development starting with a fertilized egg in animals or a seed in many plants. In most mammals (e.g. dogs) a fertilized egg develops in the womb into an embryo and is then born and fed on milk before it is weaned onto the food that is adapted to eat; it then develops to maturity in a period called adolescence after which it can reproduce and the cycle can begin again. Puberty is the change that happens in late childhood and adolescence where the body starts to change because of hormones. Some changes include growth in height, more sweat and hair growth on arms, legs and under the armpits

Biology

B1: Living things are special collections of matter that make copies of themselves, use energy and grow.

B2: Living things on Earth come in a huge variety of different forms that are all related because they all came from the same starting point 4.5 billion years ago.

B3: The different kinds of life, animals, plants and microorganisms, have evolved over millions of generations into different forms in order to survive in the environments in which they live.

