



Summer 1	Animals, including humans 2 – Life Cycles					
<b>Prior learning</b>	Animals including Humans: Year 1 – parts of the human body Year 2 – Spring 2 – Growth					
<b>Lesson objective</b>	Order the stages of the human life cycle	Describe the stages of a human life cycle	Identify the offspring and parent of an animal	Explore the life cycle of a chicken	Describe the life cycle of a butterfly	Explore the life cycle of a frog
<b>Key vocabulary</b>	life cycle grow survive independent adult	foetus womb helpless toddler develop	offspring inherit gene resemble differences	reproduction hatchling chick bar chart predict	caterpillar transformation larva chrysalis metamorphosis	frog amphibian frogspawn tadpole froglet
<b>Creative context</b>						
<b>Substantive knowledge</b>	Notice that animals, including humans, have offspring which grow into adults	Notice that animals, including humans, have offspring which grow into adults	Notice that animals, including humans, have offspring which grow into adults	Notice that animals, including humans, have offspring which grow into adults	Notice that animals, including humans, have offspring which grow into adults	Notice that animals, including humans, have offspring which grow into adults
<b>Disciplinary knowledge</b>	Identifying and classifying	Identifying and classifying	Using their observations and ideas to suggest answers to questions	Gathering and recording data to help in answering questions	Asking simple questions and recognise that they can be answered in different ways	Using their observations and ideas to suggest answers to questions
<b>Recorded learning</b>	Children are to show and tell their human life cycle timelines.  Challenge Task: Sequence 5 pictures showing the stages of a human life and label each task.	Using knowledge from this lesson and the previous lesson, write a sentence about each stage of the human life cycle.  Challenge Task: Write a sentence to explain how they are different now	Match offspring to their parents.  Challenge Task: Identify a feature the offspring has inherited from their parent.	Create a bar chart of the chick's growth.  Challenge Task: Predict the height of the chick the following week. Title the bar chart and label the axes.	In groups, create models of a butterfly's life cycle using art or modelling materials. The handout can be used as a prompt while the children are making their models.	Using the handout, create a storyboard to show how a frog goes through each of the stages in its life cycle.  Challenge Task: Draw comparisons between the life cycle of a frog and the life cycle of



# Science – Year 2



		from when they were a toddler.			Challenge Task: Explain what metamorphosis is.	other animals. Can they think of other life cycles that have similarities and differences?
<b>Future learning</b>	Animals including humans: Year 3 Skeletons and muscles; Year 4 digestion; Year 5 Human development to old age; Year 6 circulation					