Science Knowledge Organiser

Year 1/2 Spring 1

Animals	Year	Main Foci:	Biology

What should I already know from Reception/Year 1
I can name different animals such as cats and dogs. I know that a life cycle is the series of stages a living thing goes through in its life.

Vocabulary	
life cycle	The series of stages a living thing goes through in it's life
carnivore	An animal that eats other animals
herbivore	An animal that eats plants.
omnivore	An animal that eats other animals and plants.
death	No longer living – when an animal/human dies.
alive	living
offspring	An animal/humans baby.
growth	The process of increasing in size

What will I know by the end of the unit?	
How are animals grouped based on what they eat?	• I know that animals can be grouped based upon what they eat. • I know that carnivores eat meat. • I know herbivores eat plant matter (plant parts, fruit, seeds and decomposed plants). • I know omnivores eat both meat and plant matter.
What is the lifecycle of a bird?	• I know that all animals have a life cycle • I know that all animals are born (birth or hatch) and grow until they become an adult • I know an adult is when the body stops growing in height and basic shape • I know there are many stages animals go through from transforming from a baby to an adult • Life cycle of a hen (bird) • A egg is laid, the chick hatches from the egg, a chick is yellow and overtime their feathers change colour, an adult chick is called a hen
What is the lifecycle of an amphibian and a reptile?	• As above, and: • A life cycle of a snake (reptile) Egg, snakelet, snake • A life cycle of a frog (amphibian) Egg, tadpole, frog (not in any further detail - to be repeated later)
Which farm animals have offspring?	• I know other mammal's life cycle: • Piglet = pig • Calf = cow • Lamb = sheep • Kid = goat