



Living Things and Their Habitats – Year 5 Unit – Year C

Retrieval vocab: Classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate, carnivore, omnivore, herbivore. New Vocab Life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings.			Previous learning Notice that animals, including humans, have offspring which grow into adults. (Y2 - Animals, including humans) • Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. (Y3 - Plants)			Links with Vision and Values. <i>Stimulate in every child a sense of curiosity and excitement about the world</i>
	Working scientifically/ enquiry focus	Curriculum Strand/ Focus	Small step objective	Previous learning within the unit.	Lesson content	Outcome
1	Identify/classify	Living Things and Their Habitats	Explain how mammals reproduce.	N/A	How do mammals reproduce?	The children can: Identify and name the different animal groups. Explain how mammals reproduce.
2	Identify/ classify	Living Things and Their Habitats	Explain the different ways that animals reproduce.	Identify and name the different animal groups. Explain how mammals reproduce.	Do animals reproduce in the same way?	The children can: Explain which groups of animals lay eggs and which do not and compare groups of animals that look after their young with those that don't.
3	Identify/ classify Research	Living Things and Their Habitats	Understand reproduction in plants.	As above explain which groups of animals lay eggs and which do not and compare groups of animals that look after their young with those that don't.	How do plants reproduce? (Christian Springel - Botanist)	The children can: Explain the process of pollination and fertilisation. They will be able to label parts of a flower and understand the purpose of each part. They will be able to explain what seed dispersal is and name some seed dispersal methods.



Class 2

Madron Daniel Science Small Step Progression

4	Identify/ classify	Living Things and Their Habitats	Describe the differences in the life cycles of mammals, amphibians, reptiles, insects and birds.	<i>As above</i> Explain the process of pollination and fertilisation. They will be able to label parts of a flower and understand the purpose of each part. They will be able to explain what seed dispersal is and name some seed dispersal methods.	What is a life cycle? Life cycle of a bird- PLAN Comparing life cycles of two birds.	The children can: Describe the differences and similarities in the life cycles of mammals, amphibians, insects and birds.
5	Identify/ classify	Living Things and Their Habitats	Explain the life cycle of plants.	<i>As above</i> Describe the differences and similarities in the life cycles of mammals, amphibians, insects and birds.	What are the stages in a lifecycle of a plant?	The children can: Describe and order the stages in the life cycle of a strawberry and/or dandelion plant. They will compare similarities and differences between the two cycles
6	Identify/ classify Pattern Seeking	Living Things and Their Habitats	To be able to identify patterns and raise questions regarding the gestation periods of different animals?	<i>As above</i> Describe and order the stages in the life cycle of a strawberry and/or dandelion plant. They will compare similarities and differences between the two cycles	What are the gestation periods of different animals? Asking questions/ noticing patterns	The children can: Recognise that gestation periods can be longer or shorter for different living things.
7	Identify/ classify Pattern Seeking	Living Things and Their Habitats	To be able to identify patterns and raise questions regarding the life spans of different animals.	<i>As above</i> Recognise that gestation periods can be longer or shorter for different living things.	Comparing the life spans of different animals. Asking questions/ noticing patterns	The children can: Recognise that life spans can be longer or shorter for different living things.