Science Curriculum – Cycle A

Key Stage 1 – Autumn 1

Theme – Animals including humans (Biology)

Enquiry Question – What are the different types of animals and what are they like?

National Curriculum Coverage

Pupils should be taught to:
Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
Identify and name a variety of common animals that are carnivores, herbivores and omnivores
Describe and compare the structure of a variety of common animals (including pets)
Notice that animals have offspring which grow into adults.
Find out about the basic needs of animals including humans for survival

Key Scientists:	**Comparative Test**	**Observation over time**	**Pattern Seeking**	**Research**
	Do all animals that swim have webbed feet?	How does a caterpillar's body parts change over time?	Is there a pattern between the size of an animal and its diet?	What is the difference between living and non-living things?

Objective	Challenge	Working Scientifically	Vocabulary
• To sort photographs of living and non-living things • To identify and name a variety of common animals fish, birds, reptiles, mammals, amphibians To name some **simple** characteristics of each animal group • To name the parts of different animals' bodies • To compare the parts of different animals' bodies • To know the basic needs of animals, including humans, for survival (water, food, air) • To know animals which can be kept as pets • To identify and name a variety of animals that are carnivores, herbivores and omnivores	• To begin to classify animals according to a number of given criteria. • To point out differences between living things and non-living things. • To explain why certain animals have certain characteristics. • To name a range of wild animals. • To explain that animals reproduce in different ways. **or own challenges*	See separate objectives sheet.	Fish, amphibians, reptiles, birds, mammals Omnivores, Carnivores, herbivore, living, non-living, pet, texture, sounds, smells. Growth, reproduce, offspring, adults, life cycle, basic needs, survival

• To classify animals according to what they eat • To know that animals grow and reproduce To describe the growth of some living things (egg, chick, chicken, eggs, caterpillar, pupa, butterfly, egg, baby, child, young adult, adult, old age) • To know that animals have offspring which grow into adults			