Mickleover Primary School – Science Knowledge Organiser

Title: Living Things and Their Habitats

Year Group: 4

Term: Summer

Vocabulary you will know	
carnivore	An animal that eats meat.
consumer	A living thing that eats other
	plants or animals.
food chain	A group of living things,
	beginning with a producer
	and consisting of several
	consumers.
environment	The surroundings or
	conditions in which an
	animal or plant lives
habitat	Where a plant or animal lives.
herbivore	An animal that eats plants.
impact	The effect an action has on
	something.
invertebrate	An animal that does not have
	a backbone
omnivore	An animal that eats plants
	and meat.
life	See MRS GREN on this page
processes	
organism	A living thing
predator	An animal that hunts and
	eats other animals.
prey	An animal that is eaten by
	other animals.
producer	An organism that makes its
	own food
vegetation	Different plants, trees and
	flowers
vertebrate	An animal with a backbone.

Key Learning

- ✓ To recognise that living things can be grouped in a number of ways.
- ✓ To know that there are many different classes of animal.
- ✓ To understand what the term 'habitat' means.
- ✓ To use classification keys to identify a range of living species
- ✓ To construct and interpret a variety of food chains, identifying producers, predators and prey.
- ✓ To recognise that habitats can change and this can sometimes pose threats to living things.
- \checkmark To see the positive impact of humans on our pond environment.
- To understand the understand humans' responsibility in caring for the environment.

5 VERTEBRATE GROUPS Vertebrate Characteristics Scales, live in water, cold-Fish blooded, lay eggs, gills Smooth skin, live in water and **Amphibians** land, cold-blooded, lay eggs Scales, lay eggs, cold-blooded, Reptiles Hair or fur, warm-blooded, live Mammals Feathers, warm-blooded, lay Birds eggs, lungs



- M ovement
- R espiration
- S ensitivity
- G rowth
- R eproduction
- Excretion
- **N** utrition

