



Year 1 Science – Animals - Knowledge Organiser Golden Thread: Sustainability and Stewardship

Objectives and Sticky Knowledge

Previous Knowledge Recap:

- *Explore the natural world around them; making observations and drawing pictures of animals and plants.
- *Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.

Land Objectives and Sticky Knowledge:

Know how to classify a range of animals by amphibian, reptile, mammal, fish and bird.	Know and classify animals by what they eat – carnivore, omnivore, herbivore.
<ul style="list-style-type: none"> -To name accurately a wide variety of animals and their observable features -To name a variety of common animals including fish, amphibians, reptile, birds and mammals. - To sort correctly a variety of animals into the correct classification 	<ul style="list-style-type: none"> -Carnivores eat meat, herbivores eat plants and omnivores eat a variety of food. -To name and identify animals that are carnivores, herbivores and omnivores

Links with ‘Sustainability & Stewardship’ Golden Thread:

- Looking after all the animals
- Animal charities
- Looking at David Attenborough and the preservation work he does

Links with CST:

- Common good – thinking of everyone
- Human dignity – everyone is special
- Solidarity – showing we care

Links with CKA Values Crown:

- Love, respect, compassion, hope, service, justice

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Mammals



human



mouse



dog



cow

Mammals:

- Have fur or hair.
- Are vertebrates (have a backbone).
- Feed their young with their milk.
- Give birth to live young.
- Warm-blooded and can regulate their temperature.

Birds



penguin



chicken



flamingo



robin

Birds:

- Have feather, wings and a beak.
- Warm-blooded and can regulate their temperature.
- Lay eggs.
- Are vertebrates (have a backbone).

Reptiles



snake



tortoise



lizard



alligator

Reptiles:

- Have dry, scaly skin.
- Are cold-blooded.
- Are vertebrates (have a backbone).
- Most lay eggs.

Amphibians



frog



toad



newt



salamander

Amphibians:

- Live in the water as babies and on land as they grow older.
- Are vertebrates (have a backbone).
- Lay eggs in the water.
- Are cold-blooded.
- Have smooth, slimy skin.

Fish



goldfish



tuna



shark



eel

Fish:

- Live their whole life in water.
- Are vertebrates (have a backbone).
- Lay eggs in the water.
- Breathe through gills.

Carnivores =
animals that
eat meat

Herbivores =
animals that
eat plants

Omnivores =
animals that
eat both meat
and plants

Key Vocabulary:

- Herbivore
- Omnivore
- Carnivore
- Fish
- Amphibians
- Reptiles
- Birds
- Mammals
- Pets
- Group
- Classify

Sky objectives:

1. Ask questions about the wider world.
2. Perform a simple test and describe what happens.
3. Describe what has happened and how it came to be.