



# Hallcroft Infant & Nursery School



## Science Lesson Sequence

Spring 2 - Year 1

### Comparing Animals

#### What we already know, remember and can do:

- Draw and label human body parts.
- Identify the body parts associated with each sense.
- Compare and group body parts.
- Begin to recognise patterns in data and use these to answer questions.
- Record data in a table.
- Measure using non-standard units.

	Learning Objective	What children will know and remember (Substantive)	What children will be able to do (Disciplinary)	Revisited Vocabulary	New Vocabulary
1	<b>Learning Objective</b> To identify and group animals	✓ I can name animals. ✓ I can identify the features of animals.	✓ I can group animals based on their similarities and differences.	Group	Amphibian Bird Fish Mammal Reptile
2	<b>Learning Objective</b> To describe a variety of animals	✓ I can recall animal groups and what they have in common. ✓ I can name animal body parts.	✓ I can recognise differences in animals.	Amphibian Bird Body Compare Fish Mammal Reptile	
3	<b>Learning Objective</b> To compare features of animals ✓		✓ I can recognise similarities. ✓ I can sort animals and choose appropriate group labels. ✓ I can identify differences between animals in the same group.	Amphibian Bird Fish Group Mammal Reptile	Compare Difference Feature Similarities
4	<b>Learning Objective</b> <b>Knowledge</b> – To identify animals that are carnivores, herbivores and omnivores <b>Working scientifically</b> – To research using non-fiction texts	<b>Knowledge</b> ✓ I can recall what carnivores, herbivores and omnivores eat.	<b>Knowledge</b> ✓ I can sort animals into groups according to what they eat.  <b>Working scientifically</b> ✓ I can use a non-fiction text to find out what animals eat.	Group	Carnivore Diet Herbivore Hunt Omnivore

5	<b>Learning Objective</b> <b>Knowledge</b> – To recognise animals that make suitable pets <b>Working scientifically</b> – To gather and record data to help in answering questions	<b>Knowledge</b> ✓ I can recall how to care for a pet  <b>Working scientifically</b> ✓ I can respond to suggestions about how to collect data	<b>Working scientifically</b> ✓ I can record data in a block chart	Data Record	Block Chart Pet Tally
6	<b>Learning Objective</b> <b>Knowledge</b> – To describe and compare the structure of animals <b>Science in Action</b> – To know about famous scientists throughout history	<b>Knowledge</b> ✓ I can recognise similarities and differences between humans and chimpanzees ✓ I can recall a famous scientist ✓ I can recall how Jane Goodall gathered data	<b>Science in Action</b> ✓ I can describe Jane Goodall's findings	Data	Observe Research Scientist

Outcome

## Animal groups

### mammals



- Fur or hair.
- Drink milk from their mothers.
- Give birth to live young.

### birds



- Two wings and two legs.
- Beak and feathers.
- Lay eggs.

### reptiles



- Dry, scaly skin.
- Breathe with lungs.
- Lay eggs.

### amphibians



- Moist skin.
- Live on land and water.
- Lay eggs.

### fish



- Scales.
- Gills.
- Lay eggs.

### herbivores



eat plants

### carnivores



eat animals

### omnivores



eat plants and animals

## Animal body parts

beak

shell

fin

tail

horn

trunk

paws

wings

gills

claws

whiskers

snout