

Year 2

Autumn 2 Science Plan: Animals including Humans

	Required Prior Knowledge	Knowledge to be explicitly taught	How knowledge will be built on
Substantive Knowledge	<p>Year 1</p> <ul style="list-style-type: none"> identify and name a variety of common animals incl. 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 (fish, amphibians, reptiles, birds and mammals including pets) <p>identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</p> <p>This Unit:</p> <ul style="list-style-type: none"> Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, incl. humans, for survival (water, food, air). Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. 	<p>Lesson one: What is an animal? Elicitation</p> <p>Lesson two: How do animals change as they mature?</p> <p>Lesson three: How do we change as we mature? TAPS: hand spans</p> <p>Lesson four: What do all animals need to stay alive?</p> <p>Lesson five: Keeping healthy: why do we exercise?</p> <p>Lesson six: Keeping healthy: why do we eat different types of food?</p>	<p>Year 3</p> <ul style="list-style-type: none"> understand that animals, including humans, need the right types and amounts of nutrition to be healthy and they get this nutrition from what they eat explore what parts of the skeleton provide protection and support and how the skeleton allows for movement <p>Year 5</p> <ul style="list-style-type: none"> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. (Y5) Describe the life process of reproduction in some plants and animals. (Y5) <p>Year 6</p> <ul style="list-style-type: none"> Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. (Y6)
Disciplinary Knowledge		<ul style="list-style-type: none"> ask simple questions and recognise that they can be answered in different ways observe closely, using simple equipment perform simple tests identify and classify use their observations and ideas to suggest answers to questions gather and record data to help in answering questions. 	
Vocab		adult, offspring, young, live young, reproduce, lifecycle, dehydrate, diet, exercise, energy, germs, hygiene	

