

● **Science: Year 1**

National Curriculum links:

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- Identify and describe the basic structure of a variety of common flowering plants, including trees.
- 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 (fish, amphibians, reptiles, birds and mammals, including pets)
- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
- Distinguish between an object and the material from which it is made
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- Describe the simple physical properties of a variety of everyday materials
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.
- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
- Observe changes across the four seasons
- Observe and describe weather associated with the seasons and how day length varies.

**Sequence of learning:**

<b><u>Autumn</u></b>		<b><u>Spring</u></b>	<b><u>Summer</u></b>	
<b><u>Everyday materials</u></b>	<b><u>Living things and their habitats</u></b>	<b><u>Animals including humans: Other animals</u></b>	<b><u>Seasonal changes</u></b>	<b><u>Plants</u></b>
Investigate a range of objects and describe features noting new vocabulary.	Identify and name basic parts of the human body	Identify and name a variety of common animals	During Autumn term: Record our tree in pictures and words. Record the daily weather and sunset/ sunrise	Name a variety of common wild plants from samples and cuttings
Distinguish between the object and it's material.	Compare differences in basic body parts whilst identifying and naming	Learn new vocabulary: fish, amphibians, reptiles, birds and mammals	During late Autumn term: Record our tree in pictures and words. Record the daily weather and sunset/sunrise times	Learn new vocabulary: deciduous and evergreen
Sort and group materials based on properties	Senses walk: Use the five senses and begin to identify the body part linked with each sense	Group animals according to whether they are: fish, amphibians, reptiles, birds and mammals	During Spring term: Record our tree in pictures and words. Record the daily	Wildflower and tree hunt

			weather and sunset/sunrise times	
Experiment: Describe and test the physical properties of materials. (Make an umbrella for Ted)	Senses discovery test: Use the five senses and their associated body parts	Learn new vocabulary: carnivores, herbivores and omnivores	During Summer term: Record our tree in pictures and words. Record the daily weather and sunset/sunrise times	Identify the basic structure of common flowering plants
Describe the physical properties of everyday materials (using experiment as evidence)	Say which part of the body is associated with each sense	Group animals according to whether they are: carnivores, herbivores and omnivores	Observe seasonal changes (Using data from the year)	Label and describe the structure of real life samples of common flowering plants
		Describe the structure of a variety of common animals		
		Compare the structure of a variety of common animals by grouping according to similarities		
		Apply knowledge from all objectives to write a short descriptive report based on a favourite animal		

Key vocabulary:

Carnivore	Herbivore	Omnivore	Amphibian
Mammal	Reptile	Fish	Bird
Object	Material	Hard	Soft
Waterproof	Senses (touch, taste, smell, feel, hear)	Flower, Root and Stem	Deciduous and Evergreen