Working Scientifically skills which will be taught throughout the year

Key Stage One (Years 1 and 2)

- WS1: Asking simple questions and recognising that they can be answered in different ways

- WS2: Observing closely, using simple equipment

- WS3: Performing simple tests

- WS4: Identifying and classifying

- WS5: Using their observations and ideas to suggest answers to questions

- WS6: Gathering and recording data to help in answering questions.

Working Scientifically Vocabulary

Question, Predict, Method, Variables, Fair Test, Record, Report, Conclusion, Evaluate, Investigate, Enquiry, Cycle, Observe, Identify, Classify, Sort, Group, Diagram, Chart, Data, Compare, Contrast.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	**Animals including humans** A1: I can notice that animals, including humans, have offspring which grow into adults A2: I can find out about and describe the basic needs of animals, including humans, for	**Animals including humans** A3: I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	**Living things and their habitats** L1: I can explore and compare the differences between things that are living, dead, and things that have never been alive. L2: I can identify that most living things live in habitats to which	**Living things and their habitats** L3: I can identify and name a variety of plants and animals in their habitats, including micro-habitats. L4: I can describe how animals obtain their food from plants and other animals, using the idea of a simple	**Everyday materials** M1: I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. M2: I can find out how the shapes of solid objects made	**Plants** P1: I can observe and describe how seeds and bulbs grow into mature plants P2: I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

	survival (water, food and air)		they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.	food chain, and identify and name different sources of food.	from some materials can be changed by squashing, bending, twisting and stretching.	

Subject Specific Vocabulary						
	Survival Water Air (oxygen) Food Adult Baby Offspring Kitten Calf Puppy Foal	Exercise Hygiene Types of food	Living Dead Never been alive Habitat Micro-habitat Suited Adapted	Energy Food chain Prey Predator Woodland Pond Desert Seashore Ocean Rainforest	(As for Y1) Stiff Shiny Dull Rough Smooth Waterproof Absorbent Transparent Translucent Opaque Brick Fabric Foil Squashing Bending Twisting Stretching Elastic	(As for Y1) Seed Bulb Water Light Temperature Growth