

Science

Organisation of Knowledge	Working scientifically	Plants	Animals including humans	Everyday materials	Seasonal change
Relevant ELG	ELG: Listening, Attention and Understanding - Make comments about what they have heard and ask questions to clarify their understanding. ELG: Fine motor skills - Use a range of small tools, including scissors, paint brushes and cutlery. ELG: Building Relationships - Work and play cooperatively and take turns with others.	ELG: The Natural World - Explore the natural world around them, making observations and drawing pictures of plants and animals. - 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. ELG: Speaking - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary.	ELG: The Natural World - Understand some important processes and changes in the natural world, including the seasons and changing states of matter. ELG: Speaking - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary.		
Theme and Book	Ongoing through continuous provision opportunities and challenges.	Ongoing in the outdoor planting area throughout the year Spring 1 – Traditional Tales – Jack and the Beanstalk - Planting and growing a beanstalk Summer 2 – My World – Somebody Crunched Colin - Where do plants grow and how can we look after the plants in our world	Ongoing in the outdoor minibeast area throughout the year Autumn 1 – All About me – Funnybones - Naming body parts Summer 1 – Animals – Rumble in the Jungle - Naming and describing animals in the Jungle Summer 1 – Animals – Handa’s Surprise - Naming and describing animals in Africa Summer 1 – Animals – What the Ladybird Heard - Naming and describing animals in the farm and minibeasts Summer 1 – PSHE Scarf – Growing and changes unit	Ongoing in the Creative area Autumn 2 – Celebrations – Kippers Birthday - Choosing the best type of paper to wrap Kippers birthday present. Spring 2 – Journeys – The Night Pirates - Investigating floating and sinking Summer 2 – My World – Someone swallowed Stanley - Investigating waterproof materials	Ongoing through outdoor continuous provision opportunities and discussions. Autumn 2 – Celebrations – Stickman - Changes in seasons as Stickman journeys home Autumn 2 – Celebrations – Stickman - Changes in seasons as Stickman journeys home Autumn 2 – Celebrations – Christmas and Rama and Sita - When are celebrations celebrated Spring 1 – Traditional Tales – Little Red Riding Hood Spring 1 to observe changes in the weather/ environment Spring 2 – Journeys - The Great Explorer - To compare weather
EYFS Skills and Knowledge in preparation for National Curriculum	- To feel confident to answer simple questions about observable properties of objects and people, animals and plants around them - To compare objects in their environment and talk about similarities and differences - To ask questions about the world around them, and seek to find their own answers	- To know what a plant is - To know what a flower is - To know where you see plants - To describe different plants and flowers	- To know what an animal is - To recognise and name a variety of different animals - To know the names of different body parts of humans and animals they have experience of	- To recognise that different everyday objects are made from different materials - To describe how different objects look and feel	- To know about different types of weather - To observe changes in trees and plants as the seasons progress
National Curriculum (KS1 Objectives)	- Ask simple questions and recognising that they can be answered in different ways - Observe closely, using simple equipment - Perform simple tests - Identify and classifying - Use their observations and ideas to suggest answers to questions	- 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,	- 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	- Observe changes across the 4 seasons - Observe and describe weather associated with the seasons and how day length varies



EYFS to Science Progression / Bridging Document

	Gather and record data to help in answering questions		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	Compare and group together a variety of everyday materials on the basis of their simple physical properties	
--	---	--	--	---	--