SCIENCE SUBJECT MAP 2023-24 EYFS/ KS1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Title	Homeland		Passport to the World		Norfolk Now	
National Curriculum Requirements	**Key Stage 1 Working Scientifically objectives:** During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: ● asking simple questions and recognising that they can be answered in different ways ● observing closely, using simple equipment ● performing simple tests ● identifying and classifying ● using their observations and ideas to suggest answers to questions ● gathering and recording data to help in answering questions. There is specific content for each year group (see NC document).					
EYFS **ELG: The Natural World-** Children at the expected level of development will: - Explore the natural world around them, making observations and drawing pictures of animals and plants; 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; Understand some important processes and changes in the natural world around them, including the	**Focus:** All About Me Autumn- weather changing; leaves changing. To describe what they see, hear and feel.	**Focus:** Celebrations Winter- weather changing; trees changing (no leaves). To describe what they see, hear and feel.	**Focus:** Animals Spring- weather changing; buds on trees. To describe what they see, hear and feel ie on the Bear Hunt. Animals- how same/different?	**Focus:** Growing The Natural World: Spring- weather changing; buds on trees. To describe what they see, hear and feel ie plants starting to grow.	**Focus:** Farms The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants. 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. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	

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Year 1	**Subject Focus:** Animals including humans: Ourselves **Key content:** Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. **Big enquiry question:** What are the five senses?	**Subject Focus:** Animals including humans: Our pets **Key content:** 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) Big enquiry question: What does a penguin have in common with a chicken?	**Subject Focus:** Seasonal change: Wonderful weather **Key content:** Observe changes across the 4 seasons Observe and describe weather associated with the seasons and how day length varies. **Big enquiry question:** Why does it get colder around Christmas?	**Subject Focus:** Everyday materials: Let's build **Key content:** 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 **Big enquiry question:** Which materials are natural and which are man-made? Which natural and man-made materials can we find around school?	**Subject Focus:** Everyday materials: Marvellous materials **Key content:** Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials based on their simple physical properties. **Big enquiry question:** What material is an umbrella made from and why?	**Subject Focus:** Plants: What's growing in our gardens? **Key content:** 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 **Big enquiry question:** Which tree does this leaf belong to?
Year 2	**Subject Focus:** Uses of everyday materials : Materials Matter **Key content:** Identify and compare the suitability of a variety of everyday	**Subject Focus:** Materials: Squash, bend, stretch. Super Scientists **Key content:** Find out how the shapes of solid objects made from some materials can be	**Subject Focus:** Habitats **Key content:** Explore and compare the differences between things that are living, dead, and things that have never been alive	**Subject Focus:** Ready, Steady Grow **Key content:** Observe and describe how seeds and bulbs grow into mature plants	**Subject Focus:** Caring for the Environment **Key content:** Global Warming Reduce, Reuse, Recycle Water Conservation	**Subject Focus:** Healthy Animals **Key content:** Notice that animals, including humans, have offspring which grow into adults

	materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses Compare how things move on different surfaces. **Big enquiry question:** What is the best material for a boat?	changed by squashing, bending, twisting and stretching **Big enquiry question:** Which is the strongest/stretchiest/bouncest… ?	Identify that most living things live in habitats to which 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 Identify and name a variety of plants and animals in their habitats, including microhabitats Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. **Big enquiry question:** Do polar bears get cold?	Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy **Big enquiry question**: How does a seed grow into a plant? What happens if a plant gets no light or water?	Rain Forest Habitat Protection **Big enquiry question:** What can we do to help look after our planet?	Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. **Big enquiry question:** Can we eat chocolate for every meal?