Kearsley West SCIENCE

PROGRAMME FOR THE YEAR…

	Autumn 1	Autumn 2	Spring1	Spring 2	Summer 1	Summer 2
Nursery	• I can play with small-world models such as a farm, a garage or a train track 	• I can play with small-world models such as a farm, a garage or a train track • • Use all their senses in hands-on exploration of natural materials. • • Begin to understand the need to respect and care for the natural environment and all living things.	• • Begin to understand the need to respect and care for the natural environment and all living things. • Talk about what they see, using a wide vocabulary about the differences between people.	• • Talk about the differences between materials and changes they notice. • • Plant seeds and care for growing plants. • • Understand the key features of the life cycle of a plant and an animal	• I can ask questions about aspects of my familiar world such as the place where I live or the natural world. • • I can talk about some of the things I have observed such as plants, animals, natural and found objects.	• • I can start to develop an understanding of growth, decay and changes over time. • • I can show care and concern for living things and the environment
Reception	• I can explore the signs of Autumn. • I can respect and care for the natural environments. • I can explore the natural world around me.	•I can ask questions about the natural environment. • I can describe what I see, hear and feel whilst outside.	•I know about and recognise the signs of Winter • I know some important processes and changes in the natural world • I have explored and can name different materials.	• I can talk about and observe minibeasts. • I can name a variety of different animals • I know the names of some animal babies. • I know about the life cycle of a frog.	•I can observe the growth of seeds and talk about changes. •I know how to care for growing plants. • I can show care and concern for living things and the environment	•I know some important processes and changes in the natural world including states of matter. • I can explore the signs of summer.
Year 1	Animals	Materials	Seasonal changes	Plants	Humans	Consolidation
Year 2	Living Things and Their Habitats	Materials	Plants		Animals incl. humans	
Year 3	Light	Animals incl. humans	Rocks	Forces	Plants	Consolidation
Year 4	Living Things and Their Habitats	Animals incl. humans	States of matter		Electricity	Sounds
Year 5	Space	Animals incl. humans	States of matter	Forces	Living Things and Their Habitats	
Year 6	Living Things and Their Habitats	Evolution and Inheritance	Animals incl. humans	Electricity	Light	Consolidation

Science

Learning Intentions:

To be investigators

To reflect on scientific findings

To question the wider world.

Science Ambassadors

