## 2. SCIENCE – Whole School Coverage Subject Leader: Amy Jacques Last updated: Sept 2022



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	To name and use the 5 senses  To name the main outer body parts  Understand the changing seasons (Autumn)	Understand the changing seasons (winter)  Recognise some environments are different to the one we live in	Carry out investigations into materials (strength of a bridge) and can a gingerbread man swim?	Understand the changing seasons (spring)  Know about the different factors which support our health and well being  Recognise some environments are different to the one in which they live	Name and match some animals to their young and talk about how they have changed.	Explore the natural world, make observations and draw pictures of plants and animals.  Know and talk about the life cycles of a butterfly and frog  Understand the changing seasons (summer)
Year 1	Seasonal Changes:  - Understand the changing seasons (Autumn) and link weather to season.  Animals:  - Classifying animals herbivore, omnivore, carnivore  Plants: - Deciduous and	Seasonal Changes: - Understand the changing seasons (winter) and link weather to season.	Plants: - Common wild/garden plants - Structure of a common flowering plant  Animals: Humans - To name and identify body parts and link to each sense.	Seasonal Changes: - Understand the changing seasons (spring) and link weather to season.	Animals:  - Classifying animals (reptiles, amphibians, fish, birds, mammals)  Everyday Materials:  - Naming materials  - Properties of materials  - Grouping materials  Everyday Materials:  - Investigation based on	Seasonal Changes:  - Understand the changing seasons (summer) and link weather to season.  -
	evergreen trees				materials.	
Year 2	Materials: - Properties  - Suitability of materials  - Changing materials investigation (bending, stretching, twisting, squashing).	Materials: - Inventor of waterproof material - Charles Macintosh - Waterproof materials investigation (floor book)	Animals – habitats:  - Animal classification (Year 1 recap)  - Suitability of habitats: animals	<b>Animals:</b> - Food chain	Plants: - Suitability of habitats: plants - Plant investigation (floor book – needs for survival)	Animals - Humans: - Diet, hygiene and exercise - Human needs for survival (link to plant)