



Goldenhill Primary Academy: Science long term Plan 2024-2025



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Show curiosity and interest by exploring their surroundings. Sand and water play		Changing seasons Freezing and melting	Life cycle of a hen (hatching chicks) Changing seasons	Life cycles of butterflies and frogs. Understanding mini-beasts.	Changing seasons
Reception	Growth and change Body parts	Changing seasons Light / dark Day / night Space	Materials How things work	Changing Seasons Life cycles Habitats Plants Animals and babies	Hot / Cold Freeze / thaw	Changing Seasons Materials
Year 1	Everyday materials.	Human Senses	Seasonal Changes		Plant Parts	Animal Parts
Year 2	Habitats	Human Survival	Animal Survival	Uses of Materials	Plant Survival	
Year 3	Rocks (Rocks, relics and rumbles Geography project)	Plant Nutrition and Reproduction	Forces and Magnets	Light and Shadows	Animal Nutrition and the Skeletal System	
Year 4	Grouping and Classifying	Food and the Digestive System	States of Matter	Sound	Electrical Circuits and Conductors	
Year 5	Forces and Mechanisms	Earth and Space	Properties and Changes of Materials		Human Reproduction and Ageing	
Year 6	Circulatory System		Evolution and Inheritance		Light Theory	