

Downe Primary School Curriculum Overview **Science**

The knowledge and skills are covered in a two-year cycle.

Cycle A

	Autumn Term		Spring Term		Summer Term	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Willow	Marvellous Me – understanding the world, patterns in the environment	Let's Celebrate – length of day and night, links between seasons	Space	Once Upon a Time – talk about changes in animals as they grow and have lifecycles	Fantastic Creatures – use correct terms to describe parts of plants and animals	Super You, Super Me, Superheroes
Sycamore	From A to B: Investigation (x2)	Super Humans: Body parts, senses, keeping healthy (x10)	Buildings: Investigations into strength and stability (x5)	Time travellers: Properties of materials, how materials change overtime, testing strength of different materials (x6)		The Earth our Home: Animal classification and Habitats (x12)
	Air resistance (x2)					
Oak		Bright Sparks!: Electricity (x7)	Shake it!: Solids, liquids, gases: Changing states (x14)		Feel the Force!: Forces (x10)	
					Let's Plant it!: Plants, food chain, food webs (x11)	
Cedar	Existing, Endangered, Extinct: Adaptation and Classification (x16)			Roots, Shoots and Fruits: Plants (x10)	Full Power: Electricity (x8) Fairgrounds: Forces and Magnets (x14)	Bake It: Changing, combining and separating materials through baking (x8)

Cycle B

	Autumn Term		Spring Term		Summer Term	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Willow	Marvellous Me – understanding the world, patterns in the environment	Let's Celebrate – length of day and night, links between seasons	Space	Once Upon a Time – talk about changes in animals as they grow and have lifecycles	Fantastic Creatures – use correct terms to describe parts of plants and animals	Super You, Super Me, Superheroes
Sycamore	Neural pathways (x2)		Live and Let Live: Animals & Humans (x12)	The Magic Toymaker: Materials, pushes & pulls (x6)	Green Fingers: Plants (X12) <i>NB. Add in seasonal change</i>	
	Treasure Islands: Earth, Moon and Sun for navigation (x2)			Look and Listen: Light & Sound (x6)		
Oak	How Humans Work: Nutrients in the body (x2)	Making Waves: Sound & light (x11)	Land, Sea and Sky: The Water Cycle, water habitats & inhabitants, changes in habitats, food chains & webs, rocks, plant lifecycle (x14)			
	Functions of the human body (x15)					
Cedar	Space Scientists: Space (x14)					Being Human: Bones, joints, muscles, the respiratory and circulatory systems (x10)

