



Waddington and West Bradford CE Primary School SCIENCE CURRICULUM MATRIX

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pre-School (Understanding the World)	All About Me Exploring families, homes, pets, body parts and senses. Caring for living things.	Patterns & Seasons Weather changes, ice and melting, polar animals, materials and environmental care.	Materials, Forces & Transport Exploring materials, pushes and pulls, magnets, vehicles and recycling.	Adventures, Oceans & Space Floating and sinking, sea creatures, pollution, Earth and space.	Food, Farming & Growing Plants, animals, life cycles, healthy eating and senses.	Journeys & Our World Birds, habitats, weather changes, floating and sinking, seasonal observations.
Reception (Understanding the World)	Marvellous Me! Senses, body parts, weather observations and autumn changes.	Autumn Festivals Seasonal change, trees, hibernation, light, shadows and colour.	Magical Tales Materials, properties, ice and changing states.	Under the Sea Floating and sinking, buoyancy, environmental awareness and spring changes.	Growing Plants, life cycles, habitats, insects and healthy eating.	Animals Around the World Habitats, world climates, animal adaptations, oceans and coral reefs
Year 1	Biology Animals, including humans 1 - All about me	Physics Seasonal Changes	Chemistry Exploring Everyday Materials 1	Biology Plants	Biology Animals, including humans 2 - All about animals	Chemistry Exploring Everyday Materials 2
Year 2	Biology Living things and their habitats - Habitats around the world	Chemistry Uses of everyday materials	Biology Animals, including humans 1 - Growth	Biology Living things and their habitats	Biology Plants	Biology Animals, including humans 2 - Life Cycles
Year 3	Chemistry Rocks	Physics Forces and Magnets	Biology Animals, including humans	Physics Light	Scientific Enquiry	Biology Plants
Year 4	Physics Sound	Biology Living things and their habitats - Conservation	Biology Animals including humans	Physics Electricity	Biology Living things and their habitats	Chemistry States of Matter
Year 5	Chemistry Properties of Materials	Biology Animals, including humans	Physics Earth and Space	Physics Forces	Biology Living Things and their habitats	Chemistry Changes of Materials
Year 6	Biology Animals, including humans	Physics Light	Biology Living things and their habitats	Physics Electricity	Biology Evolution and inheritance	Sustainability and Climate Change Looking after our Environment

Working Scientifically is described separately in the programme of study, but must **always** be taught through and clearly related to the teaching of the content stated in the planning. **Biology** - Life processes and living things. **Chemistry** - Materials and their properties. **Physics** - Physical Processes.