



Dorney School - Science Curriculum Plan

YEAR GROUP	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Reception	<p><i>Weather and seasonal changes – ongoing throughout Autumn term</i></p> <p><u>Me and My small World</u> Human Bodies Body parts Farm animals</p> <p><u>Senses</u> Using our senses e.g. listening walk, tasting</p> <p><u>What's in my Basket</u> Fruit and vegetables – tasting and texture</p> <p><u>Let's go outside</u> Natural world e.g. Autumn resources</p> <p>Space Week</p>	<p><i>Weather and seasonal changes – ongoing throughout Winter</i></p> <p><u>What's Changed?</u> Changes in matter Keeping safe around heat</p> <p><u>Night and Day</u> Nocturnal animals Dark and light Light sources Exploring shadows</p>	<p><u>Changes in Winter Weather and seasonal changes</u> Warm clothing Polar climates and animals that live there Hibernation</p> <p><u>Let it flow</u> Floating and sinking Properties of materials Different containers and capacity</p> <p><u>From Desert to Jungle</u> Contrasting habitats and animals that live there</p> <p>Natural World - RSPB Birdwatch</p>	<p><u>Watch it Grow</u> Seasonal changes Plant and care for seeds Sustainability</p> <p><u>Animal Detectives</u> Explore and sort animals</p> <p><u>Pushes and Pulls</u> Forces as 'pushes' and 'pulls'. Magnets - attraction and repulsion</p>	<p><u>From City to Sea</u> Variety of different cities, towns and villages Ocean habitats and animals which live underwater Impact of pollution</p> <p><u>Look All Around</u> Observe seasonal changes</p> <p><u>Test it out</u> Objects and materials and compare their suitability How can we solve the problem</p>	<p><u>Happy and Healthy</u> Variety of foods and a varied diet Importance of exercise to stay fit Effects of exercise on bodies Health professionals</p> <p><u>Our Wonderful World</u> Environmental topics</p> <p><u>We're going on an Animal Hunt</u> Minibeasts – similarities and differences Animal habitats</p>
Year 1	<p>The Human Body</p> <p>Seasonal changes in Autumn</p>	<p>Materials</p> <p>Seasonal changes in Winter</p>	<p>Planting A</p> <p>Animals</p>	<p><i>Sustainability:</i> Caring for the planet</p> <p>Seasonal changes in Spring</p> <p>Planting B</p>	<p>Plants</p> <p>Planting C</p>	<p><i>Sustainability:</i> Growing and Cooking</p> <p>Seasonal changes in Summer</p>

Year 2	Animals' needs for survival Humans	Materials <i>Sustainability:</i> Plastic	Plants (light and dark) Living things and their habitats	Living things and their habitats Plants (light and dark)	Plants (Bulbs and Seeds) Growing Up	Bulbs and Seeds Growing Up <i>Sustainability:</i> Wildlife
Year 3	Skeletons Movement Nutrition and Diet	<i>Sustainability:</i> Food Waste Rocks	Fossils Soils	Light	Plants A Forces Magnets	Plants B <i>Sustainability:</i> Biodiversity
Year 4	Group and classify living things Data Collection A States of Matter	States of Matter	Sound Data Collection B	Electricity <i>Sustainability:</i> Energy	Data Collection C Habitats <i>Sustainability:</i> Deforestation	The Digestive System Food Chains
Year 5	Space	Forces <i>Sustainability:</i> Global Warming	Properties of Materials Reversible and Irreversible Changes	Reversible and Irreversible Changes Life Cycles	Reproduction A <i>Sustainability:</i> Plastic Pollution	Animals including Humans Reproduction B
Year 6	Living things and their habitats	Electricity <i>Sustainability:</i> Renewable Energy	Light <i>Sustainability:</i> Light Pollution	The Circulatory System Diet, Drugs and Lifestyle	Variation Adaptations	Fossils Themed Projects