


YEAR 2 SCIENCE CURRICULUM

	<p>measure, observe, compare, measurement, growth, trowel, temperature, bend, squash, twist, stretch, absorb</p>	<p>Exposure Words draw, label, change, same, table, record, tally, pipette, size, predict, similar, different, sort, group, identify, pattern, height, number, amount, hand lens, ruler, counting cubes, centimetres, meters, suitable, unsuitable, match, test, scientific enquiry, comparative test, research, pattern seeking</p>
-----------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2	Autumn 1		Autumn 2	Spring 1
	Animal's needs for survival	Humans	Materials	Plants Light and Dark
Key Learning	<p>What is a mammal? What do birds need to survive? What do fish need to survive? What do amphibians need to survive? What do reptiles need to survive? What do humans need to survive?</p>	<p>Why is exercise important? Why do we need a balanced diet? What is good hygiene? How do we look after our teeth?</p>	<p>Can we explore different materials? Why are some objects made from different materials? Can I test different materials – bend, twist, squash and stretch Which materials are waterproof?</p>	<p>What are the parts of a plant? What do plants need to grow?</p>
Skills	<p>Ask questions Gather, record and classify data Answer questions and make conclusions</p>	<p>Gather record and classify data Make observations</p>	<p>Make observations Gather record and classify data Ask questions Take measurements Answer questions and make conclusions</p>	<p>Ask questions Make observations Take measurements Answer questions and make conclusions</p>
Vocabulary	<p>shelter, heart, exercise, physical health, mental health, healthy diet, unhealthy diet, meat, sugar, germs, hygiene, doctor, disease, plaque, gums, filling</p>		<p>natural material, human-made material, recycle, flexible, rigid, stone, pebble, brick, brittle, flexible, translucent, tough, lightweight, strong, breakable, waterproof</p>	<p>sunlight, compost, herb, blossom, bulb, shoot</p>

YEAR 2 SCIENCE CURRICULUM

2	Spring 2	Summer 1	Summer2
	Living things and their habitats	Plants Bulbs and Seeds	Growing up
Key Learning	<p>What is a habitat? What is a polar habitat like? What is a desert habitat like? What is an ocean habitat like? What is a woodland habitat like? What is a microhabitat? What is a food chain? What has been alive, dead or never alive?</p>	<p>What is a seed? What is a bulb? What do plants need to grow? How do bulbs and seeds change over time?</p>	<p>What is the difference between parent and offspring? What is the life cycle of a human? What is the life cycle of a different mammals? What is the life cycle of an amphibian? What is the life cycle of a butterfly? Are there patterns between life cycles?</p>
Skills	<p>Gather, record and classify data Answer questions and make conclusions Make observations</p>	<p>Ask questions Make observations Take measurements Answer questions and make conclusions</p>	<p>Gather, record and classify data Ask questions Make observations Answer questions and make conclusions</p>
Vocabulary	<p>Arctic plants, hibernate, habitat, cactus, desert, rainfall, ocean, seagrass, woodland, fern, moss, microhabitat, spider, snail, diet, food chain, living, dead, never alive</p>	<p>sunlight, compost, herb, blossom, bulb, shoot</p>	<p>offspring, egg, parent, baby, child, teenager, life cycle, adolescent, frogspawn, tadpole, froglet, caterpillar, pupa, butterfly, insect, adult</p>
	