



'Go and do Likewise' Luke 10:25, -37 The Parable of the Good Samaritan
We live with love and compassion, seeking help in times of need

Curriculum Map: Science Year 1

	Seasonal Changes (also taught in Geography in Spring term)	Animals including humans 1 – all about me	Everyday Materials 1– exploring everyday materials	Plants	Animals including humans 2 – all about animals	Everyday Materials 2- building
Content Declarative Knowledge 'I know'	<ul style="list-style-type: none"> * understand there are Four Seasons * Understand the changes that take place in autumn. * Understand the changes that take place in winter * Understand the changes that take place in Spring. * Understand the changes that take place in summer. * Investigate how you can measure rainfall. 	<ul style="list-style-type: none"> * Discover the basic parts of the human body. * Learn about eyes and sight * Learn about ears and hearing knew line * Learn about the tongue and taste. * Explore the sense of touch. * Discover how your nose smells. 	<ul style="list-style-type: none"> * Identify a name a variety of everyday materials * Distinguish between an object and the material it is made from. * Describe the properties of everyday materials. * Identify objects that are natural and those that are man made * Predict and identify if an object will float or sink. * Explore which materials are best for different objects. 	<ul style="list-style-type: none"> * Understand that seeds grow into plants. * Identify the basic parts of a plant and tree. * Understand that different plants can grow in the same environment. * Know the difference between deciduous and Evergreen trees. * Know that fruit trees and vegetables a variety of plants. * Record the growth of a plant. 	<ul style="list-style-type: none"> * Discover animal families. * Learn about the differences between mammals and birds. * Learn about the differences between amphibians, reptiles, and fish. * Discover the types of food living things eat. * Explore the difference between wild animals and pets. * Explain the characteristics of an animal. 	<ul style="list-style-type: none"> * understand the properties of Glass and its uses. * Understand that materials are used to create a variety of furniture. * Explore a variety of fabrics and understand their different properties. * Explain the uses of materials and why they are suitable.

Skills Procedural Knowledge 'I know how to'	<ul style="list-style-type: none"> * Use their observations and ideas to suggest answers to questions. * Identify and classify. * Perform simple tests. * Gather and record data to help in answering questions. 	<ul style="list-style-type: none"> * Identify and classify * Perform simple tests. * Gather and record data to help in answering questions. 	<ul style="list-style-type: none"> * identify and classify * Use observations and ideas to suggest answers to questions. * Perform simple tests. * Gather and record data to help in answering questions. 	<ul style="list-style-type: none"> * Ask simple questions. * Observe closely and use simple equipment. * Use their observations and ideas to suggest answers to questions. * Identify and classify. * Gather and record data. 	<ul style="list-style-type: none"> * group and sort * Use observations ideas to suggest answers to questions. 	<ul style="list-style-type: none"> * Perform simple tests. * Use observations and ideas to suggest answers to questions. * Identify and classify.
Vocabulary	Season, spring, summer, autumn, winter, hibernate, weather, protect, Harvest, frost, Feet, temperature, compare, changes, grow, chick, warm, sun protection, heatwave, rainfall, measuring cylinder, record, results, graph,	Head, body, skeleton, limb, joint, brain, eyelash, eye, sight, pupil, sound, ear, sign language, vibration, deafness, tongue, mouth, taste, flavour, sweet, touch, fingertips, skin, organ, brain, smell, odour, nose, nostril, nose hair.	material, fabric, wood, plastic, metal, object, glass, property, brick, elastic, opaque, transparent, dull, stiff, natural, man made, factory, rubber, polyester, predict, float, sink, submerge, buoyant, absorbent, sponge, waterproof, umbrella, soak.	seed, plant, tree., soil, predict, stem, petrol, leaf, route, flower, environment, weed, daisy, dandelion, wild, deciduous former evergreen, seasons, branch, bush, supermarket, fruit, vegetable, farm, tractor, growth, seedling, young plant, adult plant, observe.	Fish, Amphibian, Reptile, Mama, Bird, Feather, warm blooded, characteristic, backbone, hatchling, gills, scale, cold-blooded, herbivore, carnivore, omnivore, predator, canines, pet, wild, shelter, and, veterinary, natural, similarities, differences, compare, unsuitable, climate.	Strong, , clay, wind, waterproof, absorbent, non-absorbent, roof, slate, transparent, opaque, Suitable, window pane, window frame, fabric, furniture, cotton, mattress, soft, wool, weather, jumper, suitable, waterproof, evaluate, material, properties, tile, garden.
Key Questions	How do we know it is Autumn/Spring/Summer/Winter? What is the difference between Spring, Summer, Autumn and	Why are our bodies special? What does our skeleton do?	Do all materials feel the same? How are they the same / different? Can all materials be float/sink? Why?	How do plants grow? Do all plants grow in the same way? Can plants grow all year round? Can all plants survive in the same season/habitat?	Are all animals the same? What makes a great predator? How does an animal's habitat help it survive? What makes humans	What property of this material makes it better for this object? Why did you choose that material? What did you notice about the material?

	Winter? What is the same?				different from animals?	
Assessment	Assessment on Insight every term as well as lesson by lesson observations based on knowledge, skills and key questions outlined above Peer and self-assessment opportunities Option to use White Rose End of Block assessments at teacher's discretion					
Cross Curricular Links/Character Education	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership Art and Design – create seasonal artwork	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership PE – investigate the effects of exercise on the human body Maths – non-standard measurements of parts of the body	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership English - writing instructions for how to plant a seed	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership Art and Design – observational drawing of animals	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership