



Monkston Primary School KS1 Science Curriculum Overview



	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Year 1	<p>The Human Body</p> <ul style="list-style-type: none"> Identify, name, draw and label parts of the human bod Sight Sound Taste Touch Smell <p>Seasonal Changes</p> <ul style="list-style-type: none"> Changes in autumn Collect and record data 	<p>Materials</p> <ul style="list-style-type: none"> Explore wood, plastic, glass and metal Explore rock Objects and materials Melt and freeze Float or sink? Does it absorb water? Investigate materials <p>Seasonal Changes</p> <ul style="list-style-type: none"> Changes in winter Gather and record data 	<p>Planting</p> <ul style="list-style-type: none"> Planting in winter <p>Animals</p> <ul style="list-style-type: none"> Mammals Birds Fish Amphibians Reptiles Compare and group animals Carnivores Herbivores Omnivores 	<p>Caring for the Planet</p> <ul style="list-style-type: none"> Why is it important to care for our planet? How can we care for our planet? <p>Seasonal Changes</p> <ul style="list-style-type: none"> Changes in spring Collect and record data <p>Planting</p> <ul style="list-style-type: none"> Observe changes Planting in spring 	<p>Plants</p> <ul style="list-style-type: none"> Plant parts Tree parts Wild and garden plants Plants in my local area Deciduous trees Evergreen trees Trees in my local area <p>Planting</p> <ul style="list-style-type: none"> Observe changes Planting in summer 	<p>Growing and cooking</p> <ul style="list-style-type: none"> Where does my food come from? What have I planted and grown this year? <p>Seasonal Changes</p> <ul style="list-style-type: none"> Changes in summer Collect and record data What are the main changes each season?

	Autumn A	Autumn B	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	<p>Animals' Needs for Survival</p> <ul style="list-style-type: none"> • Mammals • Birds • Fish • Amphibians • Reptiles • Humans <p>Humans</p> <ul style="list-style-type: none"> • Exercise • Food • Hygiene • Teeth 	<p>Materials</p> <ul style="list-style-type: none"> • Explore materials • Wood, paper and cardboard • Brick and rock • Glass and plastic • Metal • Fabrics • Same object, different material • Bending, squashing, twisting and stretching • Waterproof experiment <p>Plastic</p> <ul style="list-style-type: none"> • How is plastic helpful and harmful? • How can we reduce our plastic waste in school? 	<p>Plants – Light and Dark</p> <ul style="list-style-type: none"> • Explore plants • Plant parts • What do plants need to grow? • Plan – light and dark • Investigate light and dark 	<p>Living Things and their Habitats</p> <ul style="list-style-type: none"> • Habitats in my local area • Polar habitats • Desert habitats • Ocean habitats • Woodland habitats • Microhabitats • Habitats and diet • Food chains • Living, dead or never alive? <p>Plants</p> <ul style="list-style-type: none"> • Findings of light and dark plant investigation 	<p>Plants – Bulbs and Seeds</p> <ul style="list-style-type: none"> • Bulb or seed? • What do plants need to grow? • Plan – bulbs and seeds • Planting bulbs and seeds <p>Growing Up</p> <ul style="list-style-type: none"> • Parent and offspring • Life cycles of humans, mammals, amphibians and butterflies • Are there patterns between the life cycles of different animals? 	<p>Bulbs and Seeds</p> <ul style="list-style-type: none"> • Findings of bulbs and seeds investigation <p>Wildlife</p> <ul style="list-style-type: none"> • What does wildlife do for us? • What can we do for wildlife?