



KS1 Year 1 Science Medium Term Plan

	Autumn	Spring	Summer
Unit of Work	<p style="text-align: center;">Everyday Materials Which materials keep us dry? (comparative testing)</p> <p style="text-align: center;">Seasonal Changes How does the weather change over the year? (pattern seeking)</p>	<p style="text-align: center;">Animals Including Humans Are the tallest people the eldest and smallest the youngest? (pattern seeking)</p> <p style="text-align: center;">Seasonal Changes How does the weather change over the year? (pattern seeking)</p>	<p style="text-align: center;">Plants What are roots? (observation over time)</p> <p style="text-align: center;">Seasonal Changes How does the weather change over the year? (pattern seeking)</p>
Vocabulary to support Substantive and Disciplinary Knowledge	<p>material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, flexible, bendy</p> <p>investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, equipment, identify, classify, sort, group</p>	<p>trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem</p> <p>investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, equipment, identify, classify, sort, group</p>	<p>fish, reptiles, mammals, birds, amphibians (+ examples of each), herbivore, carnivore, omnivore, head, ear, eye, mouth, nose, leg, knee, arm, elbow, back, neck, face, teeth, hair, wings, beak</p> <p>investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, equipment, identify, classify, sort, group</p>

<p>I will know....</p>	<ul style="list-style-type: none"> • I can distinguish between an object and the material from which it is made by looking for patterns. • I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. I can identify and observe the simple physical properties of a variety of everyday materials and look for patterns. • I can compare and classify together a variety of everyday materials on the basis of their simple physical properties. • I can observe changes across the four seasons. <ul style="list-style-type: none"> • I can look for patterns in seasonal changes using scientific vocabulary in my explanations. • I can observe and describe weather associated with the seasons and how day length varies. 	<ul style="list-style-type: none"> • I can identify and name a variety of common wild and garden plants, including deciduous and evergreen. • I can identify and describe the basic structure of a variety of common flowering plants, including trees. • I can observe changes across the four seasons. • I can look for patterns in seasonal changes using scientific vocabulary in my explanations. • I can observe and describe weather associated with the seasons and how day length varies. 	<ul style="list-style-type: none"> • I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. • I can identify and name a variety of common animals that are carnivores, herbivores and omnivores. • I can compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). • I can identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. • I can observe changes across the four seasons. <ul style="list-style-type: none"> • I can look for patterns in seasonal changes using scientific vocabulary in my explanations. • I can observe and describe weather associated with the seasons and how day length varies.
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Working Scientifically

runs throughout and will be covered in some way during each lesson

comparative/fair testing, research, observation over time, identifying grouping and classifying, problem solving, investigate, question, predict, answer, results, record, identify, compare, observe, group, sort, classify, equipment

- I can ask simple questions and recognise that they can be answered in different ways.
- I can observe closely, using simple equipment.
- I can perform simple tests.
- I can identify and classify.
- I can use my observations and ideas to suggest answers to questions.
- I can gather and record data to help in answering questions.