

Year 1 - Progression of Knowledge and Skills Science

Term	Knowledge	Skills
<p style="text-align: center;">Autumn 1 Topic: Materials</p>	<ul style="list-style-type: none"> • I can distinguish between an object and the material from which it is made. • I can identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock. • I can describe the simple properties of a variety of everyday materials. • I can compare and group together a variety of everyday materials on the basis of their simple properties. 	<ul style="list-style-type: none"> • Identify materials and classify • Classify based on how they feel. • Use observations to classify • Record in a table • Ask and answer questions
<p style="text-align: center;">Autumn 2 Topic: Materials</p>	<ul style="list-style-type: none"> • I can distinguish between an object and the material from which it is made. • I can identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock. • I can describe the simple properties of a variety of everyday materials. • I can compare and group together a variety of everyday materials on the basis of their simple properties. 	<ul style="list-style-type: none"> • Classify materials • Compare suitability of materials • Patterns in test results, • Simple test • Make predictions on best materials. • Evaluate test

Year 1 - Progression of Knowledge and Skills Science

Term	Knowledge	Skills
<p style="text-align: center;">Spring 1 Topic: Animals including humans (Ext unit)</p>	<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 describe and 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. 	<ul style="list-style-type: none"> • Identify parts of body. • Identify parts of body. • Spot patterns between groups of animals • Ask questions • Venn diagrams • Make comparisons and give reasons.
<p style="text-align: center;">Spring 2 Topic: Animals</p>	<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 describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets) 	<ul style="list-style-type: none"> • Identify and classify animals • Comparative tests • Observe features of human body • Carry out tests to compare and classify • Make predictions using senses.

Year 1 - Progression of Knowledge and Skills Science

Term	Knowledge	Skills
	<ul style="list-style-type: none"> 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. 	
<p style="text-align: center;">Summer 1 Topic: Plants</p>	<ul style="list-style-type: none"> To identify and describe the basic structure of a variety of common flowering plants including trees. To identify and name a variety of common wild and garden plants including deciduous and evergreen trees 	<ul style="list-style-type: none"> Find out how different fruits grow. Observe seeds over time. Identify plants in the environment. Identify and classify parts of a plant. Identify and classify leaves. Observe leaves over time. Make careful observations. I can explain how a seed grows. Draw and label a plant Label parts of a plant Ask yes and no questions to classify.

Year 1 - Progression of Knowledge and Skills Science

Term	Knowledge	Skills
<p style="text-align: center;">Summer 2 Topic: Seasons</p>	<ul style="list-style-type: none"> • I can observe changes across four seasons. • I can observe and describe weather associated with the seasons and how day length varies. 	<ul style="list-style-type: none"> • Identify 4 seasons • Look for patterns in colours. • Observe formation of crystals over time. • Compare results to research on rain. • Simple comparative test. • Identify different clouds • Observe similarities and differences. • Predict colours in a leaf. • Can explain what winter feels like. • Labelled diagrams • Evaluate test and suggest improvements • Ask simple questions