

Pickering Infant School - Curriculum Coverage and Assessment Grid
Key Stage 1 Science -

Highlight when covered						Programme of Study		Notes
						Knowledge , Skills and Understanding		(Where tracking indicates a lack of understanding please record key points/children/misconceptions below)
1	2	3	4	5	6	Working Scientifically		
						<p>Year 1</p> <p>Asking simple questions and make suggestions of ways to answer them.</p> <p>Observe closely, using simple equipment, including over a period of time.</p> <p>Identify similarities and differences between sets e.g. different types of leaves.</p> <p>Add items to a set based on given criteria.</p>	<p>Year 2</p> <p>Asking simple questions and recognising that they can be answered in different ways.</p> <p>Observe closely using simple equipment and use observations to identify simple patterns and relationships.</p> <p>Use identifiable similarities and differences to create their own sets based on comparisons</p> <p>Recognise when a test is or</p>	

					<p>Conduct a simple test to compare one event with another</p> <p>Identify different outcomes of a simple comparative test.</p> <p>Using supported or collaborative answers questions that are difficult to answer through first hand experience</p>	<p>is not fair based on scientific reasons.</p> <p>Make suggestions about how to change a given test to make it fair.</p> <p>Carry out a fair test by identifying variables that could be changed and deciding which variable to change and what this will show.</p> <p>Recognise that some sources of information are more reliable than others and use this to inform their research,</p>	
					Plants		
					<p>Year 1</p> <p>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.</p>	<p>Year 2</p> <p>Observe and describe how seeds and bulbs grow into mature plants</p> <p>Find out and describe how plants need water, light</p>	

					Identify and describe the basic structure of a variety of common flowering plants, including trees.	and a suitable temperature to grow and stay healthy.	
					Animals including humans		
					<p>Year 1</p> <p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)</p> <p>Identify, name, draw and label the basic parts of the human body and say which</p>	<p>Year 2</p> <p>Notice that animals, including humans, have offspring which grow into adults</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>	

					part of the body is associated with each sense.		
					Seasonal Changes Year 1 only	Living things and their habitats Year 2 only	
					<p>Year 1</p> <p>Observe changes across the four seasons</p> <p>Observe and describe weather associated with the seasons and how day length varies.</p>	<p>Year 2</p> <p>Explore and compare the differences between things that are living, dead, and things that have never been alive</p> <p>Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</p> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats</p> <p>Describe how animals obtain their food from</p>	

							plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.	
						Everyday Materials		
						<p>Year 1</p> <p>Distinguish between an object and the material from which it is made.</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.</p> <p>Describe the simple physical properties of a variety of everyday materials.</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p>Year 2</p> <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>	