



Nursery Science progression document

(Working Scientifically) Characteristics of learning/Creative and thinking critically:						
<u>Early Years (Nursery and Reception):</u> <ul style="list-style-type: none"> •show curiosity and ask questions •make observations using their senses and simple equipment •make direct comparisons •use equipment to measure •record their observations by drawing, taking photographs, using sorting rings or boxes and, in Reception, on simple tick sheets •use their observations to help them to answer their questions •talk about what they are doing and have found out •identify, sort and group. 						
<p style="text-align: center;"><u>Working Scientifically Vocabulary:</u></p> <p style="text-align: center;"> What can you see? What does it sound like? What does it smell like? What does it taste like? What does it feel like? What does it do? What is happening? How did it happen? What have we found out? What will happen if....? </p>						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

	<p><u>Seasonal Change: (Autumn)</u> Talk about what they see, using a wide vocabulary.</p> <p>Explore how things work,</p> <p>Use all their senses in hands-on exploration of natural materials.</p>	<p><u>Seasonal Change: (Winter)</u> Talk about what they see, using a wide vocabulary.</p> <p>Explore how things work,</p> <p>Use all their senses in hands-on exploration of natural materials.</p>	<p><u>Materials:</u> Explore collections of materials with similar and/or different properties.</p>	<p><u>Seasonal Change: (Spring)</u> Talk about what they see, using a wide vocabulary.</p> <p><u>Plants:</u> Plant seeds and care for growing plants.</p>	<p><u>Living things and their habitats.</u> Begin to understand the need for respect and care for the natural environment and all living things.</p> <p>Plants: Understand the key features of the life cycle of a plant and animal.</p>	<p><u>Seasonal Change: (Summer)</u> Talk about what they see, using a wide vocabulary.</p> <p><u>Forces:</u> Explore and talk about different forces they can feel e.g. magnets.</p>
	<p>Seasons Autumn Signs of Autumn Changes Weather Sunshine Rain Windy Cloudy Senses (see, hear, touch, smell, taste)</p>	<p>Seasons Winter Signs of Winter Changes Cold Weather Frost Snow Rain Windy Cloudy Senses (see, hear, touch, smell, taste)</p>	<p>Materials Similar Different Hard Soft Rough Smooth Shiny Dull</p>	<p>Seasons Spring Signs of Spring Changes New life Warmer Weather changes Sunshine Rain Windy Senses (see, hear, touch, smell, taste)</p> <p>Seed Plant</p>	<p>Respect Care Environment Living things</p>	<p>Seasons Summer Signs of Summer Changes Hotter Weather changes Sunshine Sun protection Senses (see, hear, touch, smell, taste)</p> <p>Forces (magnets) Push Pull Move</p>

				Grow Care		Fast Slow
--	--	--	--	--------------	--	--------------