

Science

Year 1-2 2014

Key skills and Knowledge

	Autumn A Victorian Days	Autumn B Commotion in the Ocean	Spring A Frozen	Spring B Into the forest	Summer A Once upon a time	Summer B The best of British
National Curriculum Objectives	<ul style="list-style-type: none"> Describe simple properties of some materials Compare and classify materials 	<ul style="list-style-type: none"> Identify and compare common animals 	<ul style="list-style-type: none"> Observe weather associated with changes of season observe changes across the 4 seasons 	<ul style="list-style-type: none"> Identify different plants Identify different parts of plants 	<ul style="list-style-type: none"> Identify and name simple body parts 	<ul style="list-style-type: none">
Key skills	<p>To work scientifically</p> <ul style="list-style-type: none"> perform simple tests identify and classify use observations and ideas to suggest answers to questions To investigate materials Distinguish between an object and the material from which it is made describe the simple physical properties of a variety of 	<p>To work scientifically</p> <ul style="list-style-type: none"> Ask simple questions <p>To understand animals and humans</p> <ul style="list-style-type: none"> Identify and name a variety of common animals that are birds, fish, amphibians, reptiles, mammals and invertebrates Identify and name a variety of common animals that are carnivores, herbivores and omnivores Describe and 	<ul style="list-style-type: none"> Observe the apparent movement of the Sun during the day Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies. 	<ul style="list-style-type: none"> Biology Identify, classify and describe their basic structures Observe and describe growth and conditions for growth To understand plants Identify and name a variety of common plants, including garden p 	<p>To understand animals and humans</p> <ul style="list-style-type: none"> Identify name, draw and label the basic parts of the human body and say which part is associated with each sense Describe the importance for humans of exercise, eating the right amount of different types of food and hygiene. Evolution Identify how humans 	

	<p>everyday materials</p> <ul style="list-style-type: none"> • compare and group together a variety of everyday materials on the basis of their simple physical properties • 	<p>compare the structure of a variety of common animals</p> <ul style="list-style-type: none"> • Notice that animals, including humans, have offspring which grow into animals. • Investigate the basic needs of animals for survival 			<p>resemble their parents in many features.</p>	
Key Knowledge			<p>Pupils should observe and talk about changes in the weather and the seasons.</p> <p>Note: pupils should be warned that it is not safe to look directly at the sun, even when wearing dark glasses.</p> <p>Pupils might work scientifically by: making tables and charts about the weather; and making displays of what happens in the world around them, including day length, as the seasons change.</p>			