



Intent	Bringing Learning to Life	
<p style="text-align: center;">School and British Values</p> <p style="text-align: center;"> Passion for Learning ✓ Striving for Excellence Creativity ✓ Loving others as we love ourselves Right and Responsibilities Wholeness </p>	<p style="text-align: center;">British Values</p> <p style="text-align: center;"> Democracy The rule of law Mutual respect ✓ Tolerance of those of different faiths and beliefs </p>	<p style="text-align: center;">Whole School Threads</p> <p style="text-align: center;"> Gender Equality ✓ Environmental awareness ✓ Community </p>

Topic	Curriculum Content Children can:	Possible Teaching Activities Which will utilise science skills listed below	*Pupil offer
	<p>Animals including humans notice that animals, including humans, have offspring which grow into adults find out about and describe the basic needs of animals, including humans, for survival (water, food and air) describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. Identify and name diff sources of food for humans</p> <p>Fire and Light Introduction to Light and Fire plus science skills</p> <p>Circus Introduction to Forces plus science skills</p> <p>Uses of everyday materials identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses find out how the shapes of solid objects made from some materials can be</p>	<p><i>TEXTS: Goldilocks - innovated</i> <i>The Book Eating Boy</i></p> <p>About me booklet</p> <p>Healthy Eating - making sandwiches</p> <p>Food sources research</p> <p>exercise investigations - links to PE</p> <p>hygiene and cleanliness - links to Florence Nightingale</p> <p>Safety poster (Bonfire Night)</p> <p>Melting investigation</p> <p>Puppet Shows</p> <p>Balloon investigation – heating the air</p> <p>Moving a balloon along a string</p> <p>Testing paper aeroplanes</p> <p><i>TEXTS: Non Fiction box on Materials</i></p> <p>Africa topic</p> <p>Investigating the properties of materials</p> <p>Making clay pot</p> <p>Tie dye fabric</p>	<p>visit from school nurse and Fiona</p> <p>Visit from the Fire Service</p> <p>Visit from Puppet pedlar TBC</p> <p>Visit to Winchester Science Museum</p> <p>Circus Day in school</p>

	<p>changed by squashing, bending, twisting and stretching.</p> <p>Plants observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> <p>Habitats habitats – identify, compare, name, incl micro habitats food chains</p> <p>Compare alive/dead/never living</p>	<p><i>TEXTS: Non Fiction box on Plants</i> <i>The Tiny Seed</i> <i>Billy's Sunflower</i> <i>Lifecycle of a Sunflower</i></p> <p>name plants and animals</p> <p>seed sorting plant seeds - investigate different growing conditions</p> <p>Capillary action investigation</p> <p>gather data on animals and plants by surveying</p> <p>identify adult and young of same species</p> <p>fact files onn how animals are adapted to habitats</p> <p>draw food chains and lifecycles (tadpole)</p> <p>bug hunting</p> <p>pondipping</p>	<p>visit arboretum</p> <p>visit Earth Trust</p> <p>Observe tadpoles in temporary pond</p>
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Topic	Skills Children can:	Specific activities which focus on these skills
Plan Do Record Review	<ul style="list-style-type: none"> ● ask simple questions and recognising that they can be answered in different ways ● observe closely, using simple equipment perform simple tests ● identify and classify ● gather and record data to help in answering questions. ● use their observations and ideas to suggest answers to questions 	<p>Testing materials for puppets</p> <p>melting chocolate balloon investigation testing properties of materials</p> <p>plants and animal identification seed sorting</p> <p>plant and animal data collection</p> <p>testing paper aeroplanes moving a balloon along a string</p>