

Science LTP Nightingale Class
Switched On Science Curriculum Scheme
From September 2023 onwards

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nightingale Class	Year 2 Topic 1 Healthy Me Year 2 Seasonal Changes Activities September and October	Year 2 Topic 2 Materials Monster Year 2 Seasonal Changes Activities November and December	Year 2 Topic 3 Squash, Bend, Twist, Stretch Year 2 Seasonal Changes Activities January and February	Year 2 Topic 4 Our Local Environment Year 2 Seasonal Changes Activities March and April	Year 2 Topic 5 Young Gardeners Year 2 Seasonal Changes Activities May and June	Year 2 Topic 6 Little Masterchefs Year 2 Seasonal Changes Activities July and August

National Curriculum Coverage through each SwitchedOn Science Topic

Nightingale Class		SEASONAL CHANGES KS1	WORKING SCIENTIFICALLY KS1
AUTUMN 1 Year 2 Topic 1 Healthy Me Seasonal Changes Activities September and October	YEAR 2 ANIMALS, INCLUDING HUMANS -notice that animals, including humans, have offspring which grow into adults -describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene YEAR 2 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	-observe changes across the four seasons -observe and describe weather associated with the seasons and how day length varies	-asking simple questions and recognising that they can be answered in different ways -observing closely, using simple equipment -performing simple tests -identifying and classifying -using their observations and ideas to suggest answers to questions -gathering and recording data to help in answering questions
AUTUMN 2 Year 2 Topic 2 Materials Monster Seasonal Changes Activities November and December	YEAR 2 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 changed by squashing, bending, twisting and stretching		
SPRING 1 Year 2 Topic 3 Squash, Bend, Twist, Stretch Seasonal Changes Activities January and February	YEAR 2 USES OF EVERYDAY MATERIALS -find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching		

<p><u>SPRING 2</u> Year 2 Topic 4 Our Local Environment</p> <p>Seasonal Changes Activities March and April</p>	<p>YEAR 2 LIVING THINGS AND THEIR HABITATS</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 plants and animals, using the idea of a simple food chain, and identify and name different sources of food</p>		
<p><u>SUMMER 1</u> Year 2 Topic 5 Young Gardeners</p> <p>Seasonal Changes Activities May and June</p>	<p>YEAR 2 PLANTS</p> <p>-observe and describe how seeds and bulbs grow into mature plants</p> <p>-find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>		
<p><u>SUMMER 2</u> Year 2 Topic 6 Little Masterchefs</p> <p>Seasonal Changes Activities July and August</p>	<p>YEAR 2 ANIMALS, INCLUDING HUMANS</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> <p>YEAR 2 PLANTS</p> <p>-observe and describe how seeds and bulbs grow into mature plants</p> <p>YEAR 2 USES OF EVERYDAY MATERIALS</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>		