

Town Lane Infant School – Y1 Science Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	Where does our food come from? Health week-wk 8	Did My Grandparents play with the same toys as me?	Do meerkats live at the South Pole?	Eco project –wildlife Wirral The lost words	How do scientists investigate?	How do we enjoy the Great British Summer Time?
Science	Are all trees like Rosie? Study of Rosie the oak tree in our school grounds. Habitats Structure of Plants & Trees Seasonal Changes Rosie’s Diary	Materials 1 - Identifying a range of materials Classifying and grouping materials Investigation – Naughty bus knocked over juice – what would be best to wipe it up?	Animals & Habitats Seasonal Changes Why are meerkats suited to living in the Kalahari? Which animals live in cold places such as the North and South Pole? Seasonal changes – Winter Rosie’s Diary	Animals and Habitats Deciduous / evergreen Healthy plant? Structure of a plant Identify and label plants ICT research Seasonal changes - Spring	Animals / Humans Seasonal Changes How do we use our senses	Weather Seasonal Changes Rosie’s Diary
National Curriculum Objectives	Pupils should be taught to: identify and name a variety of common wild and garden	Pupils should be taught to: distinguish between an object and the material from which it is made	Pupils should be taught to: identify and name a variety of common animals including fish,	Pupils should be taught to: identify and name a variety of common animals including fish, amphibians, reptiles,	Pupils should be taught to: describe and compare the structure of a variety of common animals (fish,	Pupils should be taught to: identify and name a variety of common wild and garden plants, including

	<p>plants, including deciduous and evergreen trees</p> <p>identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p>identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock - describe the simple physical properties of a variety of everyday materials - compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p>amphibians, reptiles, birds and mammals - identify and name a variety of common animals that are carnivores, herbivores and omnivores.</p>	<p>birds and mammals</p> <p>identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.</p> <p>identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p>amphibians, reptiles, birds and mammals, (including pets)</p> <p>identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p>	<p>deciduous and evergreen trees - identify and describe the basic structure of a variety of common flowering plants, including trees.</p>
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<p>Working Scientifically asking simple questions and recognising that they can be answered in different ways.</p> <p>observing closely, using simple equipment performing simple tests.</p> <p>identifying and classifying</p> <p>using their observations and ideas to suggest answers to questions</p> <p>gathering and recording data to help in answering questions</p>	<p>Is the oldest person the tallest? (link to birthdays) different asking simple questions and recognising that they can be answered in ways</p> <p>Observing changes over time (Seasons)</p> <p>Pattern seeking</p>	<p>Which material is best for a window on the naughty bus? Comparative/Fair testing (testing suitable materials)</p>	<p><i>Penguin blubber experiment</i></p> <p>Identifying and classifying/Scientific Research. Performing simple tests and simple equipment.</p>	<p>Tally When are there more birds?</p> <p>Identifying and classifying/Scientific Research.</p> <p>Observing and using ideas to answer questions.</p>	<p>Do we use our nose to taste?</p> <p>Observing and using ideas to answer questions.</p>	<p>Temperature changes throughout year Changes in sunlight</p> <p>Can the person with the longest arm reach the highest? (paint on finger)</p> <p>Observing changes over time (Seasons)</p> <p>Pattern seeking</p>
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