



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery*</b>	<p><b>What makes me special? (all about me)</b> Colour mixing</p>	<p><b>What do I celebrate? (Celebrations)</b> Making Christmas Decorations</p>	<p><b>Can you tell me a tale? (traditional tales)</b> Making a mask of our favourite characters.</p>	<p><b>How do things grow and change? (growth)</b> Creating clay pots for plants.</p>	<p><b>Who are our helping heroes?</b></p>	<p><b>Where shall we sail? (Pirates and far away lands)</b> Building a pirate ship. Safety using tools.</p>
<b>Reception*</b>	<p><b>Am I a Superhero? Who am I?</b></p>	<p><b>Where will my imagination take me?</b> Making use of props and materials in the role-play area to re-create well-known stories.</p>	<p><b>What happens in other worlds?</b> Exploring the use of tools and materials.</p>	<p><b>Do I want to be a knight? How did people from the past get around?</b></p>	<p><b>Where do animals live? Are Minibeasts like me? Are plants alive?</b></p>	<p><b>Where would you bury your treasure?</b> Building floating pirate ships.</p>
<b>Year 1</b>	<p><b>Driver:</b> Science – What plants and birds will we find in our local park? <b>STEM Link</b> – Design and make your very own binoculars.</p>		<p><b>Driver:</b> Geography – Where do and did the wheels on the bus go? <b>STEM Link</b> – Design and build a moving vehicle.</p>		<p><b>Driver:</b> Geography – Why can't a meerkat live in the North Pole <b>STEM Link</b> – Design and make an igloo.</p>	<p><b>Driver:</b> History – Why did the Great Fire of London start? <b>STEM Link</b> – 3D Design and construction of houses from 1666.</p>
<b>Year 2</b>	<p><b>Driver:</b> Science – Why would a dinosaur not make a good pet? <b>STEM Link</b> – Design and create a dinosaur's habitat.</p>	<p><b>Driver:</b> History – How did the Victorians influence our lives today? <b>STEM Link</b> – Design and make Victorian toys.</p>			<p><b>Driver:</b> Geography – Why do we love to be beside the seaside? <b>STEM Link</b> – To design and construct a Light House.</p>	

# STEM Curriculum

2022/23

# Long Term Overview

<p><b>Year 3</b></p>		<p><b>Driver:</b> Science - What's the attraction?</p> <p><b>STEM Link –</b> <i>Creating Magnetic Games.</i></p>		<p><b>Driver:</b> Science – How did that blossom become an apple?</p> <p><b>STEM Link –</b> <i>To design, make and bake a pie filled with a chosen fruit.</i></p>	<p><b>Driver:</b> Science -How far can you throw your shadow?</p> <p><b>STEM Link –</b> <i>Creating shadow puppets with moving parts.</i></p>	<p><b>Driver:</b> History – What was life like as an evacuee in World War II?</p> <p><b>STEM Link –</b> <i>Design and build a WWII Shelter.</i></p>
<p><b>Year 4</b></p>	<p><b>Driver:</b> Science – Which wild animals and plants thrive in your locality?</p> <p><b>STEM Link –</b> <i>Design and make a Bird Box.</i></p>	<p><b>Driver:</b> Science – How would we cope without Electricity for one day?</p> <p><b>STEM Link –</b> <i>Creating light boxes in collaboration with Wellington Secondary School.</i></p>	<p><b>Driver:</b> Geography – Where would you rather live London or Manchester?</p> <p><b>STEM Link –</b> <i>Environmental hyper-realism 3D artwork.</i></p>	<p><b>Driver:</b> History – Why were the Romans so powerful and what can we learn from them?</p> <p><b>STEM Link –</b> <i>Tony North visit and led themed day creating ceramics.</i></p>	<p><b>Driver:</b> Science – Why is the sound made by Ed Sheeran enjoyed by so many?</p> <p><b>STEM Link –</b> Making and testing string telephones.</p>	

<p><b>Year 5</b></p>		<p><b>Driver: Science –</b> Does everything that goes up always come down?</p> <p><b>STEM Link –</b> <i>Wellington Secondary School Collaboration.</i></p>		<p><b>Driver: Science</b> Will we ever send another human to the moon?</p> <p><b>STEM Link –</b> <i>Planetarium Experience.</i></p>	<p><b>Driver: Geography –</b> What is Fairtrade and why should it matter to us all?</p> <p><b>STEM Link –</b> Fairtrade packaging.</p>	
<p><b>Year 6</b></p>		<p><b>Driver: Science –</b> <i>Could robots replace humans?</i></p> <p><b>STEM Link –</b> <i>Design and make a tin can robot.</i></p>		<p><b>Driver: History –</b> Why might the world be ashamed of slavery?</p> <p><b>STEM Link –</b> <i>Creating a Freedom Quilt as a class.</i></p> <p><b>Driver: Science –</b> Are you afraid of the dark?</p> <p><b>STEM Link –</b> <i>Creating periscopes to support scientific investigations on how light travels.</i></p>		