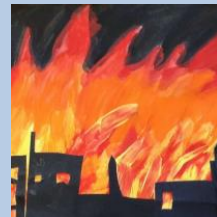
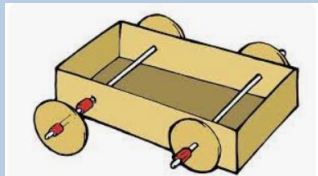




	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Throughout the year children are provided with a range of materials to construct with. Children are encouraged to think about and discuss what they want to make, this forms the initial planning stage. Children will discuss problems and how they might be solved as they arise. Staff reflect with children on how they have achieved their aims and they start to think about what they might change to make improvements. Children are taught different techniques for joining materials, such as how to use adhesive tape and PVA glue. Children learn how to use a range of tools and materials with care and precision. Children use materials to create models linking to our core text for example 'Whatever Next' some children create their own rocket while others made their own space buggy. Children are encouraged to be independent and have freedom to be creative. Access to junk modelling materials is always readily available. Children are also able to construct indoors and outdoors using lego, mobilo and large wooden building blocks for example our core text 'Little Red Riding Hood' children were able to construct their own house using different construction and materials to see what was the strongest and explain reasons why.					
Year 1		<u>Textiles –cutting and joining</u> Own animal finger puppets based on The Tiger who came to tea 	<u>Structures –</u> A better playground 		<u>Mechanisms -</u> Moving pictures: The Great Fire of London (levers and sliders) 	<u>Cooking & nutrition –</u> Preparing a healthy lunch for The Lighthouse keeper(3 weeks) 
Year 2	<u>Textiles – sewing (running stitch)</u> Make an advent bags 		<u>Cooking & nutrition –</u> Preparing healthy snacks and a salad for the SLT 		<u>Mechanisms-Moving Vehicles</u> Make my own vehicle (wheels and axels) 	
Year 3		<u>Mechanisms</u> Pneumatics 		<u>Cooking & nutrition –</u> Making biscuits for fundraising 	<u>Structure-</u> Banish broken biscuits – making biscuit packaging 	



Year 4		<u>Mechanisms-</u> Levers and Linkages Moving picture book – The Water Cycle 		<u>Textiles-</u> Sewing – creating a personal bookmark 		<u>Structures & Electrical Systems</u> Light up Advertising Signs 
Year 5	<u>Mechanical Systems-</u> CAMs Toys for Year 1 			<u>Textiles-</u> Sewing – faith value celebration quilt used as a lectern cloth 		<u>Cooking and Nutrition-</u> Making bread and celebrating culture and seasonality 
Year 6		<u>Structures-</u> Building Bridges 	<u>Structures-</u> Building Bridges 			<u>Mechanical Systems-</u> Fairground Rides for Alum Bay in the Isle of Wight (with CAD) 