



## Design Technology Curriculum Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	<b>Development Matters: Expressive Art &amp; Design</b> <i>Creating with materials/ Being imaginative and experience</i> Through our quality, stimulating provision in EYFS, children are encouraged to express themselves and communicate their thoughts and ideas through a variety of design technology activities. Design Technology skills are nurtured through presenting children with opportunities to experiment with different media, resources and activities that will inspire and stimulate their creativity. Children lay down the foundations for skills in research and design, making and creating and evaluating which they continue to develop across KS1 & KS2.					
<b>Nursery</b>	<b>Spreading Skills</b> toast <b>Construction Area</b> The children use a variety of construction materials	<b>Edible Sparklers</b> <b>Construction Area</b> Guy Fawkes and the Gun Powder-Houses of Parliament <b>Christmas Biscuits</b>	<b>Walls</b> Humpty Dumpty <b>Roofs &amp; Bridges</b> paper sculptures building bridges	<b>Goldilocks Porridge</b> <b>Research structures</b> junk modelling and construction materials <b>Inspirational figure/event:</b> William the Conqueror	<b>Making Sunflower Bread</b> Little Red Hen. <b>Inspirational figure/event:</b> Paul Hollywood Georgia O'Keefe's	<b>Teddy Bears Picnic</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Where food comes from: <i>where fruits grow</i> <b>Fruit kebabs</b>
<b>Reception</b>				<b>Investigating Bridges</b> <b>Inspirational figure/event:</b> Claes Oldenburg CG Imbault/Cleveland Bridge & Engineering Company	<b>Mixed Media Minibeasts</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> Various artists- bug sculptures	<b>Fruit Kebabs</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Where food comes from: <i>where fruits grow</i> <b>Inspirational figure:</b> Joe Wicks
<b>Year 1</b>		<b>Moving Pictures: sliders, pivots &amp; hinges</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> Illustrators & Pop up Books		<b>Fruit of the World: salads &amp; Smoothies</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Where food comes from: <i>farming &amp; crops</i> <b>Inspirational figure:</b> Jamie Oliver		<b>Wooden Minibeasts</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> LEGO-Ole Kirk Christiansen
<b>Year 2</b>				<b>Afternoon Tea: Healthy sandwiches</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Where food comes from <b>Inspirational company:</b> Subway	<b>Puppets/ Making Print Blocks</b>	<b>Wind Up Mechanism</b> Research & Design Skills & Making Evaluate Inspiring D & T individuals Technical knowledge <b>Inspirational figure/event:</b> Wind up mechanisms in history



<b>Year 3</b>			<b>Moving Models with axels &amp; chassis</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> Henry Ford/George Stephenson			<b>Pizza &amp; Pasta</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Food Sources & Seasonality: <i>tomatoes &amp; mushrooms</i> <b>Inspirational figure:</b> Gino D' Acampo
<b>Year 4</b>				<b>Muffins-Sweet &amp; Savoury</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Food Sources & Seasonality: <i>The story of chocolate &amp; fairtrade linked to geography)</i> <b>Inspirational figure:</b> Mary Berry	<b>Animal Huts</b> Research & Design Skills & Making Evaluate Inspiring Inventors: Technical knowledge  <b>Inspirational figure/event:</b> Bird Box Design-Dezeem Awards	
<b>Year 5</b>				<b>Mexican Fiesta</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Food Sources & Seasonality: <i>spices</i> <b>Inspirational figure:</b> Thomasina Miers		<b>Moving Cam Mechanisms</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> How do cogs and cams work? What has cogs & cams
<b>Year 6</b>	<b>Inspirational figure/event:</b> <b>Inventions &amp; Innovators</b> Timeline of inventors & innovators-research project	<b>Motorised Models</b> Research & Design Skills & Making Evaluate Technical knowledge <b>Inspirational figure/event:</b> How does a motor work? What has a motor?				<b>A Taste of Greece</b> Nutrition & Healthy Eating Taste & Evaluate Skills & Techniques Food Sources & Seasonality: <i>growing olives &amp; olive oil production</i> <b>Inspirational figure:</b> Tonia Buxton

