



Glebe Primary School

NURTURE INSPIRE CHALLENGE

Layer Two: DT

Throughout the year

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EYFS	<u>Design</u> <ul style="list-style-type: none">• Develop own ideas through experimentation with diverse materials to express & communicate their discoveries & understanding• Create collaboratively sharing ideas, resources & skills	<u>Make</u> <ul style="list-style-type: none">• Use increasing knowledge & understanding of tools & materials to explore their interests & enquiries & develop their thinking• Create representations both imaginary & real-life ideas, events, people & objects	<u>Evaluate</u> <ul style="list-style-type: none">• Express & communicates working theories, feelings & understandings• Responds imaginatively to art works & objects• Return to & build on previous learning, refining ideas & developing their ability to represent them	<u>Technical Skills</u> <ul style="list-style-type: none">• Discuss problems & how they might be solved• Use different techniques for joining materials• Use tools independently, with care & precision	<u>Food Technology</u> <ul style="list-style-type: none">• Look closely at similarities, differences, patterns & change• Know & talk about the different factors that support their overall health & well-being	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<u>Unit 1</u> Food and Nutrition Healthy pizza DT and IT cross curricular		<u>Unit 2</u> Freestanding structures Playhouse		<u>Unit 3</u> Mechanisms Toy vehicles	

	<u>Skills</u> Peeling, chopping, cutting skills Choosing a nutritiously balance dish and learning where food comes from		<u>Skills</u> Cutting and joining materials Exploring how they can be made stronger, stiffer and more stable		<u>Skills</u> Sawing, joining skills Exploring, use and assemble mechanisms with wheels and axles	
N.C	Unit 1 Key stage 1: ABCD		Unit 2 Key stage 1: ABC		Unit 3 Key stage 1: ABC	
Year 2		<u>Unit 1</u> <u>Mechanisms</u> Slider and lever pop up card		<u>Unit 2</u> <u>Textiles</u> Puppets		<u>Unit 3</u> <u>Food and Nutrition</u> Celebratory treats
		<u>Skills</u> Sawing, joining skills Explore, use and assemble mechanisms with sliders and levers		<u>Skills</u> Tacking stitch skills Explore and join fabrics		<u>Skills</u> Kneading, rolling skills Choosing a nutritiously balance dish learning where food comes from
N.C		Unit 1 Key stage 1: ABC		Unit 2 Key stage 1: ABCD		Unit 3 Key stage 1: ABC
Year 3	<u>Unit 1</u> <u>Mechanisms</u> Pop up cards			<u>Unit 3</u> <u>Food and Nutrition</u> Sandwich making		<u>Unit 2</u> <u>Textiles</u> Tote Bags

	<u>Skills</u> measuring, marking out, cutting, joining and finishing skills and techniques Exploring a range of lever and linkage mechanisms and building their own with functionality and aesthetics in mind			<u>Skills</u> discussing basic food hygiene practices following instructions, washing, grating, peeling, slicing, using The eatwell plate model to ensure there is a balance of nutrients		<u>Skills</u> developing running stitch skills using a range of decorative finishing techniques e.g. appliqué, fabric pens/paints
N.C	Unit 1 Key stage 2: ABCD			Unit 2 Key Stage 2: ABCD	Unit 3 Key Stage 2 ABCE	
Year 4	<u>Unit 1</u> <u>Mechanisms</u> Marble Run			<u>Unit 2</u> <u>Shell Structures with Computing Aid</u> Chocolate Boxes DT and IT cross curricular		<u>Unit 3</u> <u>Electrical Systems</u> Simple Circuits and Switches Torches

	<u>Skills</u> Measuring, marking out, cutting, joining and finishing skills and techniques Exploring a range of pulleys and levers mechanisms and building their own with functionality and aesthetics in mind			<u>Skills</u> Exploring simple drawing software i.e. Microsoft Word Experimenting with assembling net using scoring, cutting and assembling techniques		<u>Skills</u> Learning how to find a fault in a simple circuit and correct it Making a variety of switches that operate in different ways
N.C	Unit 1 Key stage 2: ABCD			Unit 2 Key Stage 2: ABCD		Unit 3 Key Stage 2: ABCD
Year 5	<u>Unit 1</u> Food and Nutrition Bread making		<u>Unit 2</u> Mechanisms Chair o planes (pulleys and motor)			<u>Unit 3</u> Electrical Systems More Complex Switches Space buggies
	<u>Skills</u> Kneading, beating, rubbing and mixing skills Following a basic recipe to prepare and cook a savoury food product, exploring changes in shape and appearance		<u>Skills</u> Measuring, marking out, cutting, joining and finishing skills and techniques Exploring a range of pulleys, gears and electrical mechanisms and building their own with functionality and aesthetics in mind			<u>Skills</u> Learning how to find a fault in a more complex circuit and correct it Making a variety of switches that operate in different ways

N.C	Unit 1 Key Stage 2: ABCE		Unit 2 Key Stage 2: ABCD			Unit 3 Key Stage 2: ABCD
Year 6		<u>Unit 1</u> Frame Structures Climate Homes		<u>Unit 2</u> Textiles Make Do and Mend Recycling project		<u>Unit 3</u> Electrical Systems Monitoring and Control
		<u>Skills</u> Measuring, marking out, cutting, joining and finishing skills with a range of tools Exploring the strength of square and triangular frameworks and building their own with functionality and aesthetics in mind		<u>Skills</u> Developing tacking, running, top and edge stitch skills Using a range of decorative finishing techniques e.g. appliqué, fabric pens/paints embroidery, printing		<u>Skills</u> Exploring and assembling a range of electrical systems that could be used to control their products Writing and modify computer control programs that include inputs, outputs and decision making
N.C		Unit 1 Key Stage 2: ABCD		Unit 2 Key Stage 2: ABCD		Unit 3 Key Stage 2: ABCD