



DChrist the King Catholic Voluntary Academy

Design and Technology LTP

	Mechanical	Textiles	Cooking
EYFS	<p><u>Cooking and Nutrition</u> - 'Having food choices' - links with Farmer duck/Harvest (S+L skills)</p> <p><u>Design and Technology</u></p> <ul style="list-style-type: none"> Exploring different types of construction by building for a specific purpose and then begin to talk about them. 'Stick Man Models' - Using different natural resources and different attachment resources. 	<p><u>Cooking Day</u> - Handa's fruit kebabs - Cutting + Safety Skills (Fine Motor + Managing Self Skills)</p> <p><u>Design and Technology</u></p> <ul style="list-style-type: none"> Exploring different types of construction and building for a specific purpose. Is then able to talk about them and is beginning to edit model. Building Gruffalo Houses Making Easter Baskets/Bonnets 	<p><u>Cooking and Nutrition</u> - '5 a Day Tasting Table' - Links to Hungry caterpillar/Supertato (L A + U Skills)</p> <p><u>Design and Technology:</u></p> <ul style="list-style-type: none"> Exploring different types of construction and building for a specific purpose. Is able to edit for a specific purpose and explain this verbally Junk Models of 'Heroes'
Year 1	<p><u>Sliders and Levers</u></p> <p>To design, make and evaluate a storyboard (product) for children (user) with a slider or lever (purpose).</p> <p><u>Freestanding structure</u></p> <p>To design, make and evaluate a freestanding structure (product) for baby bear (user) to hold his weight without breaking (purpose)</p>	<p><u>Sewing basics</u></p> <p>Christmas Craft</p>	<p><u>Fruit crumble</u></p> <p>New skills: cutting soft fruits using bridge/claw, squeezing, rubbing.</p>
Year 2	<p><u>Axles and Wheels</u></p> <p>To design, make and evaluate a toy vehicle (product) for children (user) with an axle and wheels (purpose)</p> <p><u>Winding Mechanism</u></p> <p>Can I design, make and evaluate a toy well (product) for Lila (user) with a winding mechanism (purpose)?</p>	<p><u>Sewing basics</u></p> <p>Christmas Craft</p>	<p><u>Fruit & veg salad</u></p> <p>New skills: cutting harder foods using bridge, snipping, grating, squeezing.</p>
Year 3	<p><u>Levers and Linkages</u></p> <p>To design, make and evaluate a mechanical poster (product) for children (user) to give information (purpose)</p>	<p><u>Sewing basics</u></p> <p>Christmas Craft</p>	<p><u>Sandwich lunch & hummus dips</u></p> <p>New skills: cutting harder foods using claw, peeling, garlic crusher, mixing, spreading.</p>

	<p><u>Pneumatics</u> To design, make and evaluate a creature in a box (product) for children (user) to play with a pneumatic system (purpose)</p>		
Year 4	<p><u>Gears</u> To design, make and evaluate a moving puzzle (product) for a toddler (user) using gears (purpose)</p> <p><u>Electrical systems</u> To design, make and evaluate a nightlight (product) for a child (user) using an electrical system (purpose)</p>	<p><u>Sewing basics</u> Christmas Craft</p>	<p><u>Pizza, sauce & topping</u> New skills: grating harder foods, kneading, mixing to form bread dough, shaping, kneading.</p>
Year 5	<p><u>Cams</u> To design, make and evaluate a moving toy (product) for a foundation child (user) using a cam (purpose)</p> <p><u>Pulleys</u> To design, make and evaluate a model (product) for a fruit farmer (user) using a pulley (purpose)</p>	<p><u>Sewing basics</u> Christmas Craft</p>	<p><u>Seasonal tartlet</u> New skills: combing bridge & claw, finer grating, handling & rolling pastry, glazing.</p>
Year 6	<p><u>Electrical- Buzzers</u> To design, make and evaluate an electrical game (product) for a Y6 child (user) using a buzzer (purpose)</p>	<p><u>Using CAD</u> To design, make and evaluate a shopping bag (product) for a grandparent (user) using CAD (purpose)</p>	<p><u>Cultural bread & dips</u> New skills: fine chopping, peeling with confidence,</p>