

DT	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Yr 1		<b>Aspect: Structures - Free standing structures</b> Design, make and evaluate a <u>Dolls house castle</u> (product) for <u>themselves/reception aged chn</u> (user) for <u>imaginative play</u> (purpose).		<b>Aspect: Mechanisms, sliders and levers</b> Design, make and evaluate a <u>storyboard</u> (product) for a <u>younger child</u> (user) for <u>pleasure</u> (purpose).	<b>Aspect: Food – preparing fruit and vegetables</b> Design, make and evaluate a <u>Fruit salad</u> (product) for <u>themselves</u> (user) for <u>healthy snack</u> (purpose).	
Yr 2		<b>Aspect: Mechanisms, wheels and axels.</b> Design, make and evaluate a <u>Toy fire engine</u> (product) for <u>themselves/reception aged chn</u> (user) for <u>imaginative play</u> (purpose).	<b>Aspect: Textiles – templates and joining techniques</b> Design, make and evaluate a <u>hand puppet</u> (product) for <u>themselves</u> (user) for <u>toy theatre puppet show</u> (purpose).			<b>Aspect: Food – preparing fruit and vegetables</b> Design, make and evaluate a <u>Vegetable kebabs (BBQ)</u> (product) for <u>themselves</u> (user) for <u>end of year celebration</u> (purpose).
Yr 3			<b>Aspect: Structures – shell structures</b> Design, make and evaluate a <u>Chocolate box</u> (product) for a <u>family member</u> (user) for <u>packaging</u> (purpose).		<b>Aspect: Mechanisms - pneumatics</b> Design, make and evaluate a <u>Moving toy</u> (product) for a <u>child to play with</u> (user) for <u>pleasure</u> (purpose). <i>Puff along toy</i> <b>NOT DOG</b>	<b>Aspect: Food Healthy and varied</b> Design, make and evaluate a <u>bread snack</u> (product) for <u>themselves</u> (user) for <u>end of year celebrations/picnic</u> (purpose).
Yr 4	<b>Aspect: Textiles - 2D shape to 3D product</b> Design, make and evaluate a <u>Egyptian bag</u> (product) for <u>themselves</u> (user) for <u>carry things</u> (purpose).		<b>Aspect: Food – Healthy varied diet</b> Design, make and evaluate a <u>pasty</u> (product) for <u>their grandparents</u> (user) for <u>healthy living</u> (purpose).			<b>Aspect: Electrical systems – switches and circuit</b> Design, make and evaluate a <u>Light up toy</u> (product) for <u>older children</u> (user) for <u>pleasure</u> (purpose).
Yr 5		<b>Aspect: Food Celebrating culture and seasonality</b> Design, make and evaluate a <u>Healthy soup</u> (product) for <u>children</u> (user) to <u>give them energy</u> (purpose).	<b>Aspect: Textiles Combining different fabric shapes</b> Design, make and evaluate a <u>Recycled bag</u> (product) for <u>an adult</u> (user) for <u>carrying vegetables</u> (purpose).	<b>Aspect: Pulleys or gears</b> Design, make and evaluate a <u>Space vehicle</u> (product) for <u>teacher and pupils</u> (user) for <u>teaching and learning</u> (purpose).		
Yr 6		<b>Aspect: Electrical systems Monitoring and control</b> Design, make and evaluate a <u>Bedroom father Christmas alarm</u> (product) for <u>themselves in their bedroom</u> (user) to <u>notify when Santa arrives</u> (purpose).	<b>Aspect: Structures – frame structures</b> Design, make and evaluate a <u>safety shelter</u> (product) for a <u>dragon</u> (user) to <u>keep it safe</u> (purpose).		<b>Aspect: Food Celebrating culture and seasonality</b> Design, make and evaluate a <u>Bread product (pizza product)</u> (product) for <u>themselves</u> (user) for a <u>celebration</u> (purpose).	

This grid shows when elements of D&T are taught across the school alongside the task.

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Yr 1		<b>Aspect: Structures - Free standing structures</b> Introduction to DT journey and process. Exploring with strengthening card and joining materials together.		<b>Aspect: Mechanisms, sliders and levers</b> Exploded diagrams – lever, split pin and picture. CAD – character for card		<b>Aspect: Food – preparing fruit and vegetables</b> Chopping soft fruit
Yr 2		<b>Aspect: Textiles – templates and joining techniques</b> Simple stitches – running and blanket stitch Simple finishes	<b>Aspect: Mechanisms, wheels and axels.</b> Cross Section of a toy vehicle. CAD – number plate for vehicle			<b>Aspect: Food – preparing fruit and vegetables</b> Chopping vegetables
Yr 3				<b>Aspect: Structures – shell structures</b> CAD – graphics on gift boxes	<b>Aspect: Mechanisms - pneumatics</b> Cross-Section diagram <i>Puff along toy</i> NOT DOG	<b>Aspect: Food Healthy and varied</b> Chopping salad vegetables Grating Peeling Weighing
Yr 4	<b>Aspect: Textiles - 2D shape to 3D product</b> Stitches – back stitch, backward running stitch, over sew stitch, blanket stitch and running stitch. Sewing finishes and attachments.		<b>Aspect: Food – Healthy varied diet</b> Chopping hard vegetables Rolling Baking Peeling Grating			<b>Aspect: Electrical systems – switches and circuit</b> Exploded diagram
Yr 5	<b>Aspect: Food Celebrating culture and seasonality</b> Blending Grinding pestle and mortar, chopping, slicing, dicing Herb prep Cooking – hob (boiling) Seasoning		<b>Aspect: Textiles Combining different fabric shapes</b> CAD – textiles logo Sewing machine work Stitches for decorating/finishing. Fasteners.		<b>Aspect: Pulleys or gears</b> Exploded diagram	
Yr 6		<b>Aspect: Electrical systems Monitoring and control</b> CAD – Label and crumble Circuit diagram	<b>Aspect: Structures – frame structures</b> Cross-section diagram			<b>Aspect: Food Celebrating culture and seasonality</b> Baking Kneading Proving Rolling Topping choices

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