

Design and Technology curriculum at Cookham Rise Primary 2024 - 25

Year	Autumn	Spring	Summer
Reception			
Year 1	<p>Mechanisms Focus – sliders and levers Product suggestions - Class/group storybook, poster, display, greetings card, information book, storyboard</p>	<p>Structures Focus – freestanding structures Product suggestions - enclosures for farm or zoo animals, playground/park/garden furniture, bridge for Billy Goats Gruff, playground equipment, furniture for the Three Bears</p>	<p>Food Focus - preparing fruit and veg Product suggestions - Fruit salads, fruit yoghurt, fruit drinks, fruit jelly, fruit smoothies, vegetable salads, fruit and veg kebabs</p>
Year 2	<p>Mechanisms Focus - Wheels and axles Product suggestions - push/pull toys e.g. emergency service vehicle carnival float farm vehicle clown's car vehicle for imaginary/story character shopping trolley</p>	<p>Textiles Focus – templates and joining techniques Product suggestions - glove puppet, finger puppet, simple bag, clothes for teddy/soft toy/class doll, fabric placemat</p>	<p>Food Focus - preparing fruit and veg Product suggestions - Fruit salads, fruit yoghurt, fruit drinks, fruit jelly, fruit smoothies, vegetable salads, fruit and veg kebabs</p>
Year 3	<p>Mechanical systems Focus – levers and linkages Product suggestions - Storybook, poster, class display, greetings card, information book, storyboard</p>	<p>Structures Focus – shell structures Product suggestions - Gift boxes/containers, desk tidy, disposable/reusable lunchboxes, packaging, cool boxes, party boxes, mystery boxes</p>	<p>Food Focus – healthy and varied diet Product suggestions - Sandwiches, wraps, rolls, pitta pockets, blinis, rice cakes, toasties, snack bar, salad snacks</p>
Year 4	<p>Electrical systems Focus – simple circuits and switches Product suggestions - Siren for a toy vehicle, reading light, noise making nightlight, illuminated sign, torches, table lamp, hands free head lamp, buzzer for school office</p>	<p>Structures Focus – shell structures Product suggestions - Gift boxes/containers, desk tidy, disposable/reusable lunchboxes, packaging, cool boxes, party boxes, mystery boxes</p>	<p>Textiles Focus – 2D shape to 3D product Product suggestions Purse/wallet, soft toy, apron, fashion accessory, beach bag, shoe bag, pencil case, story sack</p>
Year 5	<p>Textiles Focus – combining different fabrics Product suggestions - Tablet case, mobile phone carrier, shopping bag, insulating bag,</p>	<p>Structures Focus – frame structures Product suggestions - Gift boxes/containers, desk tidy, disposable/reusable lunchboxes,</p>	<p>Food Focus – celebrating food and seasonality</p>

	hat/cap, garden tool belt, slippers, sandals, fabric advent calendar, fabric door stop	packaging, cool boxes, party boxes, mystery boxes	Product suggestions - Bread, pizza, savoury biscuits, savoury scones, savoury muffin, cereal snack, soup
Year 6	Electrical systems Focus – monitoring and control Product suggestions - Cycle or vehicle alarm, security lighting system, garden light, automatic night light, electronic moneybox, alarm for school shed	Food Focus – celebrating food and seasonality Product suggestions - Bread, pizza, savoury biscuits, savoury scones, savoury muffin, cereal snack, soup	Mechanical systems Focus – pulleys and gears Product suggestions - Ferris wheel, controllable toy vehicle with gears or pulleys, window display with moving parts