

In Design and Technology, children develop their skills in the key areas of Cooking and Nutrition Mechanical systems, Electrical Systems, Structure and Textiles. Evaluation is also an integral part of the design process and allows children to adapt and improve their product, this is a key skill which can be applied throughout their lives.

Reception		
Cooking and Nutrition	Mechanical systems	Structures
		
Bread Soup Smoothie	Making a Flower Press	Creating egg protectors
Use scales to measure Locate recipes Use a range of cooking utensils	Use a hand drill Names of different materials	Use a range of small tools such a scissors Explore a range of materials

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Year 1		
Cooking and Nutrition	Mechanical systems	Structures
		
Pasta sauce with seasonal ingredients Making a salad	Creating a moving picture	Making a windmill
Healthy food choices and seasonal foods Hygienic food preparation Cutting skills	Using Levers Using Sliders	Building structures and exploring how they can be made stronger Understand that structures have different purposes

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Year 2		
Cooking and Nutrition	Mechanical systems	Textiles
		
Healthy wrap Vegetable Frittata	Moving Vehicle	Small fabric pouches
Slicing food safely using the bridge or claw grip Healthy food choices	Using wheels Rotating axles Frame needs to be balanced	How to use a needle and thread to sew a basic running stitch Tying a knot after the last stitch

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Year 3		
Cooking and Nutrition	Mechanical systems	Textiles
		
Seasonal tart Filled pasta	Pneumatic toys	Sewing a cushion
To measure and cut accurately Designing final products	Designing an appealing and purposeful product	Applique Running stitch

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Year 4		
Cooking and Nutrition	Textiles	Structures
		
Scones Bolognaise	Fabric book sleeve	Pavilions
Healthy diet Measuring ingredients Chopping Evaluation	Running stitch to attach two pieces of fabric Applique Threading needles Tying knots	Free Standing frame structure Design Architecture

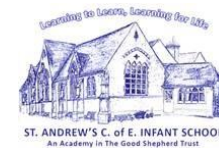
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Year 5		
Cooking and Nutrition	Electrical systems	Structures
		
Quesadillas Hummus and pitta	Making torches	Bee houses
Chopping Slicing Frying Needing bread	Using an electrical circuit	Cutting Shaping techniques Finishing and joining techniques



Curriculum Overview: Design and Technology

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Year 6		
Cooking and Nutrition	Electrical systems	Mechanical systems
		
Curry with rice The Great Potters Bake Off	Fairground ride	Rainforest Diorama with mechanical system
• Exploring what makes a balanced diet • Exploring what a curry is • Learning how to make the base of a curry • Learning about the hygiene and safety measures that need to be taken when cooking • Choosing ingredients for a curry • Key skills: chopping, peeling, frying, cooking • Tasting and evaluating our curries	• Exploring how circuits work • Series circuits • Switches • Motors	• Exploring the layers of the rainforest • Gears • Pulleys • Cams • Levels • Linkages