

Design and Technology Long Term Plan

Please refer to Year Group's 'Projects On a Page' plans for each topic for support and to ensure skills and knowledge progression

Food Technology – British Nutrition Schemes of Work – Food A Fact Of Life

Early Years

Continuous provision - Lego, Duplo, Hexabits, Polydron, Foam shapes, 2D/3D shapes, Foam jigsaw pieces, outdoor wooden blocks, crates, junk modelling, sand, playdough, drain pipes, sticks, glue, selotape, masking tape, craft materials. Cutting skills/ joining skills modelled by teachers Sculptures cc Art –joining skills Handwashing/Personal Hygiene Design Story books e.g. Iggy Peck – Architect, The Most Magnificent Thing Design Sheets for planning model making Role play –Designing/ Building		
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Year 1

Mechanisms Sliders and Levers Puppet Show based on Nativity	Food Technology BN Scheme of Work – Bring on breakfast!	Structures Free standing structures Small World play house for sibling
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Year 2

Mechanisms Wheels and axles Fire Engines	Food Technology Oak Academy Scheme of Work – Fruit Salad	Textiles Templates and joining techniques Glove Puppets
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Year 3

Structures Shell Structures Making a Money Box using CAD and nets	Mechanical Systems Levers and Linkages Easter/ Birthday Cards	Food Technology BN Scheme of Work – Get Baking!
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Year 4

Textiles 2D shape to 3D product Pencil Cases	Electrical Systems Simple Circuits and switches Night Lights	Food Technology BN Scheme of Work – Lovely Lunch
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Year 5

Frame structures Play equipment for the playground	Mechanical Systems Pulleys – Catapults	Food Technology BN Scheme of Work – Serve a Salad Master Chef with seasonality foods
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Year 6

Textiles Combining different fabric shapes Christmas stockings for Reception buddies	Food Technology BN Scheme of Work – Grab and Go!	Electrical Systems More complex switches and circuits (including programming, monitoring and control) Microbits Crazy Golf
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