



DT Long Term Plan 2024/2025

Cycle / Class	Autumn		Spring		Summer	
Class 1 Year 1		Moving Pictures Mechanisms - pop up and levers		Food Preparing and joining foods		Structures Structures - stability and strength
Reception and Pre-school Cycle A		Creating and improving Design and make using junk models- Naughty Bus		Design and make a healthy Flap Jack		Space Rockets Folding and joining cellotape/masking tape/staplers
Cycle B	Creating and improving Design and make using junk models- English text			Food Hungry Caterpillar Fruit Kebab		Robots Folding and joining cellotape/masking tape/staplers
Class 2 A		Sparks Might Fly ICT and electrical systems - control and electrical components Year 2 - Mechanisms - Wheels and axels - not electrical		The Iron Man Mechanical Systems Levers and Linkages		Hunted Food - simple savoury food and cooking techniques Year 2 - Preparing and combining foods
Class 2 B		Passport to Europe Textiles - seams, stiffening and strengthening, materials and fastenings. Y2 - Using a template and simple joining	Healthy Humans Food - Eatwell Plate A simple dish with limited cooking		How does your garden grow? Structures - shell/frame structures and strengthening	
Class 3 A	Inventors and Inventions Mechanical systems - cams, pulleys and gears		Food, Glorious Food! Food - food from another culture, variety of cooking techniques		Amazon Adventure 3D Textiles - using gussets, using patterns, joining with seam allowance, combining fabrics	

Class 3 B	Heroes and Villains Food - Chef, food heroes, a designing a healthy menu/ eatwell plate	Oh I do Like to be beside the seaside Combining learning from across design and technology skills bases - structures, mechanical systems, electrical systems, ICT programming and control
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