



Design and Technology Vocabulary Overview

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn Mechanisms	Make a toy car	Make a pop up toy	Make an electrical loop game.	Make 'something that climbs or jumps'.	Create a flag using a pulley system.	Make a cardboard box structure for their cam mechanism.
	Wheel Axel Chassis movement	Mechanism Lever Slider Slot Guide or bridge Movement	Metal wire Battery Light bulb Circuit Buzzer Base Alligator clip	Lever Linkages	Gear Pulley	Cams Strength Structure Prototype
Spring 1 Graphics & construction	Design a food package for bananas to be transported in.	Design a bird feeder for a native bird of the UK.	Design a musical instrument that can be played.	Design a building that could withstand an enemy attack.	Design a backpack that could be used for mountain climbing.	Design an appropriate boat that could be used to transport goods across the ocean.
	Design Package Material	Design Material Purpose Wood	String Wood Tension Tune Sound	Material Stone Secure Weapon Strength	Use Purpose Waterproof Extreme Weather	Interlocking Absorbent Buoyant Waterproof Float

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					Thermal	Aerodynamic
Spring 2 Textiles	Children to make a flower themed collage	Children to create a tree design.	Children to create a daisy.	Children to create a sunflower.	Children to create a bunch of flowers.	Children can make their final piece of a leaf design using materials of their choice.
	Recycled Running stitch Cotton Stiches Strength Template	Weft Warp Tension Loom	Recycled Stiches Strength Template Blanket stitch Running stitch Wool	Blanket stitch Running stitch Chain stitch Backstitch Embellish Applique Surface design 3D Relief Embellishment	Recycled Stiches Strength Template Surface design Embellishment	Running stitch Back stitch Over stitch Upper Sole Rigid Secure Prototype
Summer – Food and Hygiene	Make a fruit salad.	Make a healthy salad and a dressing.	Prepare a healthy and balanced sandwich.	Create and adapt a healthy flapjack recipe.	Design and make a healthy smoothie recipe.	Design and prepare a balanced picnic meal, including carbohydrates, fats, fruit and vegetables, protein and sugars.
	Prepare Cut Evaluate	Prepare Cut Evaluate	Prepare Cut Evaluate	Prepare Cut Evaluate	Prepare Cut Evaluate	Prepare Cut Evaluate

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	Healthy	Healthy	Healthy Survey Even sizes Balanced	Healthy Survey Flavour Balanced	Healthy Survey Adapt Blend Balanced	Healthy Survey Adapt Range Carbohydrates Proteins Fats Fruit and Vegetables Balanced
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