



Year 1 Curriculum subject plan Design and Technology

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 1	Mechanisms Sliders and Levers		Structures Free Standing Structures		Food Preparing fruit and vegetables	
Component Knowledge	<ul style="list-style-type: none"> Generate ideas based on simple design criteria and their own experiences, explaining what they could make. Develop, model and communicate their ideas through drawings and mock-ups with card and paper. Plan by suggesting what to do next. Select and use tools, explaining their choices, to cut, shape and join paper and card. Evaluate their product by discussing how well it works in relation to the purpose and the user and whether it meets design criteria. Explore and use sliders and levers. Understand that different mechanisms produce different types of movement. Know and use technical vocabulary. Pull, push, up, down, straight, curve, forwards, backwards, design, make, evaluate, user, purpose, ideas. Select new and reclaimed materials and construction kits to build their structures. Know how to make freestanding structures stronger, stiffer and more stable. Use vocabulary: structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface. Use simple utensils and equipment to e.g. peel, cut, slice, squeeze, grate and chop safely. Select from a range of fruit and vegetables according to their characteristics e.g. colour, texture and taste to create a chosen product. Evaluating Taste and evaluate a range of fruit and vegetables to determine the intended user's preferences. Understand where a range of fruit and vegetables come from e.g. farmed or grown at home. Understand and use basic principles of a healthy and varied diet to prepare dishes, including how fruit and vegetables are part of The eatwell plate. Know and use technical and sensory vocabulary relevant to the project. Eg, soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard. 					

