			Key Stage 1 Progression in Design and	d Technology – Knowledge and Skil	lls			
Aims								
			oe taught the knowledge, understand le, the home and school, gardens an	d playgrounds, the local communit				
			When designing and making, pupils should be taught to:					
Design purposeful, functional, appealing products for themselves and other users based on design criteria	Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology		Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]	Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	Explore and evaluate a range of existing products		Evaluate their ideas and products against design criteria	
Know how to		Technical Knowledge Key Concepts Know how to			Key Concepts			
Build structures, exploring how they can be made stronger, stiffer and more stable		User Purpose Innovation Authenticity Functionality Design Decisions Explore and use mechanisms [for example, lev sliders, wheels and axles], in their products.			·			
Year 1 Structures - Freestanding		Know how to make freestanding structures stronger, stiffer and more stable Know and use technical vocabulary relevant to the project		Year 1 Mechanisms and Sliders Puppets and story book scenes		Explore and use sliders and levers Understand that different mechanisms produce different types of movement Know and use technical vocabulary relevant to the project		
Year 2 Textiles Templates and joining Techniques Felt Decorations / Toys		Understand how simple 3D textile products are made, using a template to create two identical shapes Understand how to join fabrics using different techniques e.g. running stitch, glue, over stitch, stapling Explore different finishing techniques e.g. using painting, fabric crayons, stitching, sequins, buttons and ribbons Know and use technical vocabulary relevant to the project		Year 2 Wheels and Axles Design / Make vehicles		Explore and use wheels, axles and axle holders Distinguish between fixed and freely moving axles Know and use technical vocabulary relevant to the project.		
Cooking								
			Air					
			and apply the principles of nutrition are book is a crucial life skill that enables pure should.	pils to feed themselves and others				
Pupils should be taught to: Use the basic principles of a healthy and varied diet to prepare dishes Understand where food comes from								
Year 1 and 2 Food – Preparing fruit and vegetable				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 from and vegetables are part of the eatwell plate Know and use technical and sensory vocabulary relevant to the project			g. farmed or grown at home prepare dishes, including how fruit plate	
Websites								
		STEM: https:/	/www.stem.org.uk/resources/collecti		id-technoloav			
The Design and Technology Association https://www.data.org.uk/for-education/primary/#								