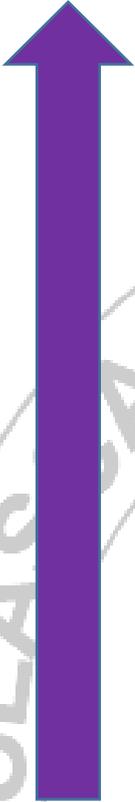
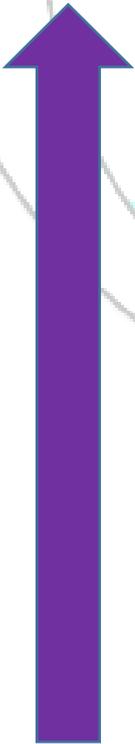
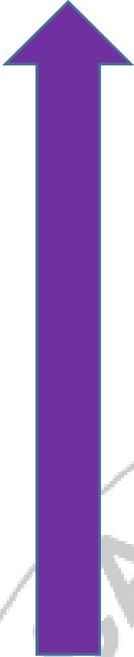


Design & Technology skills progression

		Strand	
UKS2		Cooking and Nutrition	I can apply the principles of a varied and healthy diet.
			I can know how a variety of foods are processed.
		Technical Knowledge	I can apply my understanding of computing to program, monitor and control products.
			I can understand and use electrical systems [series circuits: incorporating switches and motors].
			I can understand and use a range of mechanical systems [gears, pulleys, cams, levers and linkages].
			I can apply my knowledge to reinforce complex structures.
		Evaluate	I can know key events and individuals in design and technology have helped shape the world.
			I can consider the views and opinions of others about my work, including how it could be improved.
			I can analyse existing products to help me design my own.
		Make	I can select and use a wide range of materials and components based upon their function and aesthetics
			I can select and accurately use a range of tools and equipment [cutting, shaping, joining and finishing]
		Design	I can develop my own design criteria to make appealing products.
			I can generate and develop my ideas through prototypes, pattern pieces and computer-aided design.
LKS2		Cooking & Nutrition	I can create a variety of savoury and healthy dishes.
			I can know how a variety of foods are grown, caught and reared.
			I can understand seasonality.
		Technical Knowledge	I can understand and begin to use electrical systems [series circuits: incorporating bulbs and buzzers].
			I can understand and begin to use mechanical systems [gears, pulleys, cams].
			I can apply my knowledge to stiffen and strengthen a structure.
		Evaluate	I can name some key individuals who have produced products that have influenced the world.
			I can evaluate my own work based against design criteria.
			I can investigate a range of existing products.
		Make	I can select and begin to use a range of materials and components based upon their function and aesthetics
			I can select and begin to use a range of tools and equipment [cutting, shaping, joining and finishing]
		Design	I can research designs to influence my own products.
			I can design products that are fit for purpose.
			I can generate and develop my ideas through annotated sketches, cross-sections and exploded diagrams.

KS1		Cooking & Nutrition	I can make healthy dishes of food.
			I can use the principles of a varied and healthy diet.
			I can understand where food comes from.
		Technical Knowledge	I can explore and use mechanisms [levers, sliders, wheels and axles]
			I can build structures, making them stiffer and stronger.
		Evaluate	I can evaluate my ideas and designs compared to the design criteria.
			I can evaluate a range of existing products.
			I can explore a range of existing products to base my own designs.
		Make	I can select from and use a wide range of materials and components [construction materials, textiles and ingredients]
			I can select and use a range of tools and equipment to perform practical tasks [cutting, shaping, joining and finishing]
		Design	I can generate, develop, model and communicate ideas through talking, drawing, templates, mock-ups and through ICT.
			I can design functional, appealing products for myself and others.

