



KS1 – Guide to Progression of Key Skills

	Year 1	Year 2
Plan	<ul style="list-style-type: none">• Think of some ideas of their own and explain what they want to do• Use pictures and words to plan• Select appropriate resources and tools for their project	<ul style="list-style-type: none">• Think of their own ideas and plan what to do next• Choose the most suitable materials and explain why• Describe their design using pictures, diagrams, models and words
Make	<ul style="list-style-type: none">• Explain what they are making and the tools that they are using• Describe how different textiles feel• Make a product from textile by gluing• Make a product which moves and say why they have chosen moving parts• Cut materials using scissors• Make a structure/model using different materials, making it stronger if needed	<ul style="list-style-type: none">• Join things together in different ways including joining textiles to make something• Explain why they are using the textile they have chosen• Measure and cut textiles• Add a type of design to their product• Join materials together as part of a moving product• Use joining, folding or rolling to make materials stronger
Evaluate	<ul style="list-style-type: none">• Describe how something works• Talk about their own work and the work of others	<ul style="list-style-type: none">• Explain what went well with their work• Discuss what they would want to improve if they created the work again
Cooking and Nutrition	<ul style="list-style-type: none">• Wash hands and make sure surfaces are clean• Cut food safely• Describe the texture of foods• Discuss interesting ways of decorating food that they have made e.g. cakes	<ul style="list-style-type: none">• Describe the properties of the ingredients they are using• Explain what it means to be hygienic in the kitchen and model this



KS2 – Guide to Progression of Key Skills

	Year 3	Year 4	Year 5	Year 6
Plan	Show that their design meets a range of requirements	Have at least one idea about how to create their product	Use collected information to come up with a range of ideas	Use a range of information, including market research, to inform their design
	Create a step-by-step plan displaying order and equipment needed	Produce a plan that they can explain to others	Create a specifically detailed plan	Demonstrate ability to work within constraints
	Describe their design using an accurately labelled sketch and words	Show some evidence of taking users view into account when designing	Take the users view into account when designing and explain how their product will appeal to an audience	Show consideration of culture and society in their designs
	Create realistic and sensible plans for their designs	Predict what will be the good and potentially not so good parts of their design	Suggest alternative plans, suggesting pros and cons for each	Follow their plan and adapt where necessary, showing ability to justify their plan to others
Make	Use tools accurately, selecting the most appropriate tools for the task	Show a good level of expertise when using a range of tools	Use a range of tools expertly	Use all tools precisely, ensuring all work is accurate and precise
	Choose textiles whilst considering appearance and qualities, joining these and ability to join other materials	Choose textiles whilst considering the user and how they can make products strong	Consider the user when selecting textiles, ensuring product is strong and attractive	Consider how their textile product could be sold and improved, working within a budget
	Make a product that use both mechanical and electrical components	Measure carefully to ensure they haven't made mistakes	Use measurements accurate enough to ensure everything is precise, showing perseverance in DT	Justify the use of their materials and change method whilst making if they feel necessary
	Use a simple circuit	Add things to a simple circuit	Incorporate a switch into their product	Use different kinds of circuits in their product and think of ways that adding a circuit could improve their product
	Work accurately to make cuts and holes	Attempt to make their product strong	Incorporate hydraulics and pneumatics	Hide joints to improve the aesthetic of their product
Evaluate	Change something to make their design even better	Think about how they can check if their design was successful considering how to make it better	Check whether anything could be improved	Test and evaluate their final product well
	Discuss how realistic their plan was after completion	Begin to explain how to improve their original design	Show motivation in refining and improving their product	Check that their product meets all of their design criteria, discussing if it is fit for

				purpose and how they could improve it
		Evaluate both the appearance of their product and the way it works	Evaluate appearance and function against the original design criteria	Discuss different options of materials and resources that would improve their product
Cooking and nutrition	Choose the correct ingredients for their product and describe how their combined ingredients come together	Describe different ways in which they could present their product in an interesting way	Ensure a good presentation of their product	Ensure product meets all design criteria
	Use equipment safely	Demonstrate safety and promote good hygiene	Describe what they are doing to be both hygienic and safe	Explain how their product should be safely stored with reasons
	Grow plants such as cress and herbs with the intention to use them in their product			Grow their own products with a view to making a salad, taking into account time required to grow different foods