Stockton on the Forest Primary School

Progression ladder: **Design Technology – Textiles** Children can…

	Design and Develop (FPT= Focus Practical Task)	Making	Product and Evaluation
Reception	Wants to make FPT: Simple weaving Choose different textures of fabric for collage	Handle various materials / textiles with different textures and colours, layering to make collage	Be excited about what they have made Share their creations, explaining the process they have used
Year 1	Generate ideas from their own experience Describe what they want to do using pictures and words Make a simple list of what they will need Know the features of some familiar products FPT: running stitch with pre-made holes – thick thread into card	Use scissors to cut fabric, sometimes with help Begin to recognise and identify different fabrics -velvet, cotton, felt etc Collage with fabrics alongside other media Continue to develop weaving techniques with different materials	Use simple terms to talk about their own and others' work Describe how the fabrics feel / look
Year 2	Use plans to show how to put their ideas into practice Say how the product will be useful to the user Draw pictures with labels, with some text FPT: running stitch on fabric with pre-made holes FPT: demo threading needle & knotting thread	Join two pieces of materials together, understand that this can make a 3D object Cut fabric Use a simple template for cutting out Use simple finishing techniques Select tools and techniques appropriate to the job Follow basic safety rules	Describe how a commercial product works Use like and dislike when evaluating or describing Explain why some products are useful Recognise what they have done well and talk about what could be improved Seek out the views and judgements of others Predict how changes will improve the finished product
Year 3	Use pictures and words in designs Show the order of working in plans Recognise that designs must meet a range of needs Say why something will be useful Investigate a range of products to see how they work FPT: Practise threading needle & knotting thread FPT: practise running stitch FPT: introduce back stitch	Measure and cut out fabric using centimetres Prepare for work by assembling components together before joining Begin to modify threads and fabrics, knotting, fraying, fringing, pulling threads, twisting, plaiting. Apply colour by printing and using fabric crayons/ paints Make the finished product neat and tidy	Be clear about their ideas when asked Can alter and adapt original plans following discussion and evaluation Recognise what has gone well, but suggest further improvements for the finished article Suggest which elements they would do better in the future Identify where evaluation has led to improvements
Year 4	Collect and use information to generate ideas Consider the way the product will be used Understand designs must meet a range of criteria and constraints & take users' views into account Understand how some properties can be used – e.g. waterproof Think ahead about the order of their work, producing step by step plans Make ongoing sketches and annotations FPT: sewing on buttons and beads FPT: practise running & back stitch	Increasingly model their ideas before making Use permanent and temporary fastenings to join (tacking, running & back stitch) Thread needles and knot thread independently Apply decoration with a needle & thread using beads, buttons, feathers etc Continue to modify threads and fabrics, knotting, fraying, fringing, pulling threads, twisting, plaiting.	Talk about what they like and dislike, giving reasons Develop their designs through their own reflection and the evaluation of others
Year 5	Plan the order of work by thinking ahead Use sketches to show other ways of doing things – and then make choices Meet an identified need – e.g. a meal for an older person – by selecting ingredients or materials Use various sources of information and draw on them in design FPT: tie dye FPT: revision of running & back stitch FPT: cross stitch	Use a variety of techniques, e.g. printing, dyeing, weaving and stitching to create different textural effects Use permanent and temporary fastenings to join (tacking/ buttons /poppers, running & back stitch) Start to use cross stitch Strengthen joins by folding hems Understand that a 3D textile product can be made from a combination of fabric shapes	Identify what is working well and what might be improved – and make choices from several alternatives Refine the quality of the finished product, including making annotations on the design Clarify ideas through drawing and modelling Increasingly use testing to improve models and finished products
Year 6	Use their knowledge of –e.g.- science and art when designing Be aware of commercial aspects and incorporate these into their designs Make a prototype e.g. from paper FPT: revision of stitches FPT: blanket stitch	Measure and cut out patterns (including hems) in precise detail, and make sure that finished products are carefully finished Understand how an article might be mass produced Design, plan and decorate a fabric piece Experiment with a variety of techniques Use a number of different stitches creatively to produce different patterns and textures including blanket stitch Recognise different forms of textiles and express opinions on them.	Research products using the internet Test and evaluate commercial products, understanding how this information supports their own designs Evaluate a range of different sources of information such as advertising and handbooks