

Year 5		Subject DT	
Autumn – Victorian sewing		Spring/summer – Building construction	
Key Skills: <ul style="list-style-type: none"> • Generate ideas through brainstorming and identify a purpose for their product • Use skills in using different tools and equipment safely and accurately • Evaluate it personally and seek evaluation from others 		Key Skills <ul style="list-style-type: none"> • Generate ideas through brainstorming and identify a purpose for their product • Develop a clear idea of what has to be done, planning how to use materials, equipment and processes, and suggesting alternative methods of making if the first attempts fail • Use results of investigations, information sources, including ICT when developing design ideas • Select appropriate materials, tools and techniques • Measure and mark out accurately • Evaluate a product against the original design specification 	
Key questions: What skills will I need to produce a Victorian bookmark/card?		Key questions: How can I make my building realistic? What are the most important things that your building must do or be like?	
Learning and Activities <ul style="list-style-type: none"> • To look at Victorian samplers and examples of different pieces of stitching (from the past and modern day) • Discuss why sewing was such an important skill in the past • Practise different types of stitch and evaluate these • Understand how a pattern works and be able to follow this • Follow a counted cross stitch plan, accurately sewing different stitches • Work through any problems that the children face • Evaluate their sewing against specific criteria 		Learning and Activities <ul style="list-style-type: none"> • Through topic and computing work, investigate different buildings in London and New York. Discuss their current use, construction and materials used. Look at how buildings have changed in both cities and discuss why. • Talk about which buildings would be suitable to make a smaller model of using a wooden frame. • Research how the original building looks, use websites for relevant images that can assist with planning the model. • Use 3D equipment to investigate making models • Work in a group to plan to make a suitable building, discussing materials, steps needed. • Make model of building, use saws and wood to make the frame • Work together to build the model collaboratively over a series of weeks, constantly thinking about how to solve problems that are faced and that they can meet the original specification for the model. • Evaluate the finished model against the specification. 	
Extension and Enrichment Opportunities			
Visit to the Brighton Toy and Model museum, samples of sewing on display		Visit to London as a class to visit the Houses of Parliament, go on the London Eye and cruise on the river Thames so that the children can see the buildings first hand.	

