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| Subject | DT | Unit | Textiles |
| Class | LKS2 Seal/ UKS2 Orca | Year/Term | 2020-21 Autumn 2  |

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| Key Concept | Skills |
| Master Practical Skills | Understand the need for a seam allowance/ Create objects that employ a seam allowance |
| Join textiles with appropriate stitching/ Join textiles with a combination of stitching techniques |
| Select the most appropriate techniques to decorate textiles/ Use the qualities of materials to create suitable visual and tactile effects in the decoration of textiles |
| Design, Make, Evaluate and Improve | Design with purpose by identifying opportunities to design/ Design with the user in mind, motivated by the service a product will offer |
| Create cross-sections of designs/ Use a range of diagrams and sketches to explain design ideas |
| Start to use computer-aided design software/ Use computer-aided design software to support ideas |
| Create a prototype, and use it to aid refinement/ Make products through stages of prototypes, making continual refinements |
| Refine work and techniques as work progresses, continually evaluating the product design/ Ensure products have a high-quality finish, using art skills where appropriate |
| Evaluate the effect that changes to the design had on the finished product/ Evaluate how a design can be further improved |
| Take inspiration from design throughout history | Identify some of the great designers in all the areas of study (including pioneers in horticultural techniques) to generate ideas for designs/ Combine elements of design from a range of inspirational designers throughout history, giving reasons for choices |
| Improve upon existing designs, giving reasons for choices/ Create innovative designs that improve upon existing products |
| Disassemble products to understand how they work/ Evaluate the design of products so as to suggest improvements to the user experience |

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| Learning Links | Subject/theme |
| Accurate measurements | maths/measure |
| Nets | maths/shape |
| Properties of materials | science/materials |

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| Core Content | Key Concept |
| Lesson 1 L.O. To explore and analyse existing products  | Take inspiration from design throughout history |
| Lesson 2 L.O. To explore different ways to join fabric using sewing skills  | Master Practical Skills |
| Lesson 3 L.O To explore different ways to decorate fabric using sewing skills  | Master Practical Skills |
| Lesson 4 L.O. To design a Christmas stocking  | Design, Make, Evaluate, and Improve |
| Lesson 5 L.O. To use sewing skills to make a Christmas stocking  | Design, Make, Evaluate, and Improve |
| Lesson 6 L.O. To evaluate a finished product  | Design, Make, Evaluate and Improve |

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| Key Vocabulary |
| fabrictypes of fabricfastening | zipbuttonseam (allowance) | aestheticspatterntemplate |
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| Assessment Opportunity |
| Lesson 1: Can children discuss and assess the functionality of a variety of Christmas stockings?Can children discuss and assess the visual appeal of a variety of different Christmas stockings? Can children compare and contrast different Christmas stockings?Lesson 2: Can children identify different sewing stitches? Can children thread a needle and secure a knot? Can children join two pieces of fabric together using a sewing stitch?Lesson 3: Can children use stitching for decorative purposes? Can children sew a button/bead/sequin/ribbon onto fabric accurately? Can children see how to combine these skills to create a design for a product?Lesson 4: Can children use their knowledge of joining stitches when designing their product? Can children use their knowledge of decorative techniques when designing their product? Can children identify which parts of the making process they may find challenging?Lesson 5: Can children follow a design to create a successful product? Can children use appropriate sewing stitches to join and decorate fabric? Can children work safely and sensibly with a range of materials and tools?Lesson 6:Do children understand the importance of evaluating a finished product? Can children identify what has been successful with their design? Can children identify any improvements that could be made to the design? |
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| Date  | Learning Objective  | Lesson Outline | Resources |
|  | To explore and analyse existing products | In this first lesson, children will find out where the tradition of the Christmas stocking is thought to have come from. Before looking at any examples, children will be encouraged to think about what we would expect a Christmas stocking to look like. They will learn about the importance of functionality and visual appeal, and will discuss which they think is the most important for this type of product. In their independent activities, children will analyse a variety of stockings in more detail. | Slides Worksheet 1A/1B Christmas Stocking Cards Compare and Contrast Sheet  |
|  | To explore different ways to join fabric using sewing skills | Children will learn how to join two pieces of fabric together. They will look at examples of different stitches, and learn how to secure their first and last stitch with a hidden knot. In their independent activities, children will explore which stitch they think will be the most suitable for a Christmas stocking. Alternatively, they will be encouraged to investigate the statement, “Longer stitches will create a stronger, more secure join than shorter stitches.” | Slides Sewing Stitch Instruction Sheets, A/B/C/D Small pieces of fabric, thread, needles, pins, scissors Challenge Cards |
|  | To explore different ways to decorate fabric using sewing skills | Children will discuss the different ways in which sewing skills can be used to make Christmas stockings visually appealing and compare and contrast different examples. They will explore how embellishments and the skills of embroidery and appliqué can be used to decorate fabric in the independent activity. | Slides Decorative Skills Cards Christmas Picture Cards Small squares of fabric Needles, thread, scissors, pins Buttons, beads, sequins, ribbon, bells, pipe cleaners, smaller scraps of fabric |
|  | To design a Christmas stocking | Children will discuss the importance of design criteria. They will choose a user for their product, and tailor the design criteria to suit this person’s likes and dislikes. They will then discuss what joining stitches and decorative techniques they are going to use, before planning and designing their Christmas stocking. | Slides Worksheet 4A/4B/4C Stocking Design Sheet Design Ideas Cards Worksheet 4D (FSD? activity only) |
|  | To use sewing skills to make a Christmas stocking | Children will use their knowledge of joining techniques and decorative sewing skills to make their Christmas stockings according to their plans and design criteria. Children will be reminded that, if necessary, they can make changes to their design to improve the overall finished product for the user. They will discuss any safety issues before beginning. | Slides Stocking Template FabricBeadsButtonsRibbonBellssmaller pieces of fabric, etc. Thread, needles, pins, scissors |
|  | To evaluate a finished product | In this final lesson, children will understand the importance of evaluating a finished product. In their independent activities, they will evaluate their own completed Christmas stocking by answering and asking questions. In the alternative activity, children will ‘spot’ the various sewing skills used by others, and discuss how successful they are. | Slides Evaluation Sheet 6A/6B/6C Spot the Skill! Card |