# CURRICULUM CORE KNOWLEDGE PLAN

SUBJECT: Design Technology TEXTILES YEAR GROUP:`8 DATE: 2024/2025

| Term and unit | Core knowledge | Core skills | Core Vocabulary | Revisiting prior knowledge | Links to Walney Ways & Employability skills/Careers |
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| Autumn Term/ spring term<br><br>Sustainable Soft Toy | **Design**<br>Use research and exploration, such to identify and understand user needs.<br><br>Identify and solve their own design problems and understand how to reformulate problems given to them<br><br>Develop specifications to inform functional, appealing products that respond to needs in a variety of situations | Students will refine and develop their initial research of products and look into soft toys.<br><br>Students will research a range of soft toys and work by the artist Keith Haring and look at the short film by zealous creative.<br><br>Students will sketch, annotate and analyse design ideas. | Sustainability<br>Design Brief<br>Specification<br>Design Ideas<br>Initial designs<br>Developed designs<br>Annotation<br>Analyse<br>Man Made Fabrics<br>Natural Fabrics<br>Curves<br>Embroidery<br>Stitches | Sustainability implemented in year 7and food technology.<br><br>Research implemented in KS2, year 7, Food and Art | **Walney Ways**<br>Wider thinking<br>Self-motivated<br>Communicative<br>Aspirational<br>Curious<br>Resilient<br><br>**Employability.**<br>Customer/ client service and commercial business awareness.<br><br>Organisation, planning and time management. |

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| | Develop and communicate design ideas using annotated sketches, detailed plans.<br><br>**Make**<br><br>Select from and use specialist tools, techniques, processes and equipment precisely.<br><br>To develop an understanding of man made and natural fabrics.<br><br>**Evaluate**<br><br>Analyse the work of past and present professionals<br><br>Test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users and other interested groups<br><br>**Technical knowledge**<br><br>Understand and use the properties of materials and the | Students will develop an understanding of man-made fabrics, their properties and use.<br><br>Students will practice, cutting, joining and combining fabrics accurately by hand and machine.<br><br>Students will understand what embellishments are and different ways to attached them securely.<br><br>Understand health and safety in children's toy production.<br><br>To develop applique techniques to create pattern and texture. | Applique<br>Embellishments<br>Pins<br>Needles<br>Fabric Shears<br>Felt<br>Embroidery thread | | Self-awareness<br><br>Problem solving |

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| | performance of structural elements to achieve functioning solutions | | | | |
| Spring term/ Summer Term<br><br>**Pencil/ makeup bag – design movement?** | **Design**<br>Use research and exploration, such to identify and understand user needs.<br><br>Identify and solve their own design problems and understand how to reformulate problems given to them<br><br>Develop specifications to inform functional, appealing products that respond to needs in a variety of situations<br><br>Develop and communicate design ideas using annotated sketches, detailed plans.<br><br>**Make**<br><br>Select from and use specialist tools, techniques, processes and equipment precisely. | Students will develop their skills to apply surface decoration to fabric- students will work with Batik, fabric crayons and develop their embroidery techniques to apply pattern and texture.<br><br>Students will develop skills to zips to fabrics to produce products with working components.<br><br>Students will design to a given design brief.<br><br>Students will write their own design specification.<br><br>Students will use the sewing machine to join and combine fabrics securely. | Zip<br>Batik<br>Applique<br>Sewing machine<br>Pins<br>Design Brief<br>Specification<br>Design Ideas<br>Research<br>Analysis<br>Needles<br>Fabric Shears<br>Embroidery thread<br>Cotton | Links to year 7 batik all about me wall hanging.<br><br>Links to year 7 tote bag developing sewing machine skills<br><br>Developing prior understanding of natural and man made fabrics.<br><br>Developing prior understanding of writing a design specification and evaluation using key terminology. | **Walney Ways**<br>Wider thinking<br>Self-motivated<br>Communicative<br>Aspirational<br>Curious<br>Resilient<br><br>**Employability.**<br>Customer/ client service and commercial business awareness.<br><br>Organisation, planning and time management.<br><br>Self-awareness<br><br>Problem solving |

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| | **Evaluate**<br><br>Analyse the work of past and present professionals<br><br>Test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users and other interested groups<br><br>**Technical knowledge**<br><br>Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions | | | | |