Year 9 Curriculum: Textiles

Longridge
High School

All pupils will complete a series of decorative and functional skills to allow them to inform their final culture design project. This project is a capsule collection inspired by a chosen and researched culture. Pupils will learn about functional samples: plain seam, French seam, overlocked seam, dart, sewing a button on. They will also learn about decorative samples: machine embroidery, 3D printed button, CAD embroidery, batik. All pupils will learn how to use the different presser feet on the sewing machine for different functions such as decorative machine embroidery. They will learn to thread the top and bottom of the sewing machine. Pupils learn what interfacing is and why/ where it is needed. All pupils will learn how to use CAD in a textile setting by exploring Cad embroidery and designing a 3D printed button. Pupils will learn what defines a culture. Research into their own chosen culture. They will learn how draw fashion illustrations and incorporate their technical and functional samples into their design work. Pupils will learn how to present a capsule collection to show the design journey.

Links to the KS3 National Curriculum

Design: Use research and exploration, such as the study of different cultures, to identify and understand user needs. Develop specifications to inform the design of innovative, functional, appealing products that respond to needs in a variety of situations. Develop and communicate design ideas using annotated sketches, detailed plans, 3-D and mathematical modelling, oral and digital presentations, and computer-based tools.

Make: Select from and use specialist tools, techniques, processes, equipment, and machinery precisely, including computer-aided manufacture. Select from and use a wider, more complex range of materials, components, and ingredients, considering their properties.

Evaluate: Investigate new and emerging technologies. Understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers, and technologists.

Technical knowledge: Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions. Understand how more advanced mechanical systems used in their products enable changes in movement and force.

Assessment Opportunities

Core knowledge of this unit will be regularly tested and revisited during this unit with a knowledge quiz completed at the end. Critical and summative evaluation of own product designed and made. Formative assessments of product design and completion throughout the unit. A photo of the finished product should also be included.

Cultural Capital

Pupils research and explore one culture to submerge into the history of culture, languages, art, food, landmarks, historical figures to be able to further the understanding of the cultural norms and formalities. Pupils also discuss options and jobs available to them and a career path through the textiles industry.