

Subject Overview

KS3 Design & Technology: Textiles



Design Technology is an important part of the Year 9 curriculum because it helps students develop practical skills, creativity, and problem-solving abilities. It encourages them to think critically about how products are made and used in the real world, combining knowledge from subjects like Science, Maths, and Art. By designing and creating their own projects, students gain confidence, learn to work independently and collaboratively, and prepare for future careers in engineering, design, architecture, and other STEM-related fields. It also teaches them about sustainability and the importance of designing for the future.

Studying Design Technology can lead to a wide range of exciting and rewarding career paths. It builds a strong foundation for further education and jobs in areas such as product design, engineering, architecture, graphic design, interior design, and manufacturing. DT also helps students develop valuable transferable skills like creativity, critical thinking, teamwork, and project management, which are highly valued in many industries. Whether students choose to pursue a technical career or a more creative one, the knowledge and experience gained in DT can open doors to both academic and vocational opportunities in the future.

Textiles in Year 9 is studied as part of a carousel programme with Textiles, Food Technology and Computer Science. It carousel is approximately 12 weeks in length.

Discipline		Year 9
Design	Understand User need	Use ACCESSFM to understand the needs of the client.
	Research / Artist Analysis	Study the work of Abby Glassenberg
	Idea generation	Create annotated sketches of intended designs.
	Planning	Design paper templates for 3d construction
Make	3D fabric construction	Use specialist tools, techniques and processes to make a 3D fabric toy.
	Design development	Embellish fabric toy using applique and sewing techniques
Evaluate	Identify and Solve design problems	Evaluate construction processes and make adjustments considering the needs of the client.

The study of Design Technology links to the study of Music in several meaningful ways. Both subjects involve creativity, problem-solving, and the use of technology to create and improve products or experiences. Additionally, both subjects encourage innovation and expression, showing how design and music can work together to shape the way we experience the world.