TEXTILES TECHNOLOGY

CURRICULUM OVERVIEW – KEY STAGE 3

At Key Stage 3, pupils develop the knowledge, understanding and practical skills needed to design, make and evaluate textile products through a range of creative and practical activities. They research designers, cultures, fashion trends and user needs to generate and develop innovative design ideas. Pupils communicate their ideas through sketches, mood boards, fabric samples and digital presentations, developing specifications that consider the function, appearance and purpose of their products. They learn to select and use appropriate fabrics, fibres, threads, components, tools and equipment, applying a range of textile techniques such as hand and machine stitching, pattern cutting, embroidery, appliqué, printing, dyeing and fabric manipulation.

Pupils evaluate and refine their textile products against design specifications, considering feedback from users, quality, functionality and aesthetics. They explore the work of past and present fashion designers and textile artists, investigate emerging technologies such as CAD, digital printing and smart textiles, and understand the impact of textile production on individuals, society and the environment. They develop an understanding of fabric properties, textile construction, fibres, yarns, seams, fastenings and surface decoration, while recognising the importance of sustainability, ethical production, recycling, upcycling and reducing textile waste.

CURRICULUM JOURNEY

Throughout Years 7–9, pupils develop their creativity, practical skills and technical understanding of Textiles. Year 7 introduces the fundamentals of fabrics, fibres, colour, pattern and basic sewing techniques. In Year 8, pupils build on these skills by exploring more advanced techniques, including embroidery, appliqué, printing and fabric manipulation, while developing their design and making skills.

By Year 9, pupils apply their knowledge more independently, designing, making and evaluating their own textile products. Across all three years, pupils explore designers, develop practical skills, understand fabric properties and investigate sustainability, ethical fashion and emerging technologies, preparing them for progression

TEXTILES TECHNOLOGY

CURRICULUM OVERVIEW – KEY STAGE 3

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 7	Students will explore: Health safety, and hygiene issues when using the sewing machines and specialised textiles equipment. Hazards in a textiles workshop. Textiles equipment and their uses. Using the iron.	Students will study: Experimentation and research Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief. This project they will explore: Researching into design theme. Be able to research for ideas using computers. Experimenting with decorating fabric. Pleating using the iron. Hand embroidery using hand sewing equipment. Applique Using the sewing machines for basis stitch.	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning. This project students will be able to explore: - Plan their task using a brainstorm / mind mapping. Generate their own design specifications. Developing their design ideas. Measuring and cutting accurately Using a sewing machine confidently Go through the various stages of the design process. Learn how to design a textiles product for a target group, and how it could be produced in larger quantities. Evaluation of product made. Suggestions to improve.	Students will explore: Health safety, and hygiene issues when using the sewing machines and specialised textiles equipment. Hazards in a textiles workshop. Textiles equipment and their uses. Using the iron.	Students will study: Experimentation and research Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief. This project they will explore: - Researching into design theme. Be able to research for ideas using computers. Experimenting with decorating fabric. Pleating using the iron. Hand embroidery using hand sewing equipment. Applique Using the sewing machines for basis stitch.	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning. This project students will be able to explore: - Plan their task using a brainstorm / mind mapping. Generate their own design specifications. Developing their design ideas. Measuring and cutting accurately Using a sewing machine confidently Go through the various stages of the design process. Learn how to design a textiles product for a target group, and how it could be produced in larger quantities. Evaluation of product made. Suggestions to improve.

YEAR 8	Students will explore:	Students will study: Experimentation and research	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning.	Students will explore:	Students will study: Experimentation and research	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning.
	Health and safety issues when using the sewing machines and specialised textiles equipment.	Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.	This project students will be able to explore: -	Health and safety issues when using the sewing machines and specialised textiles equipment.	Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.	This project students will be able to explore: -
	Hazards in a textiles workshop.	This project they will explore: -	Plan their task using a brainstorm / mind mapping.	Hazards in a textiles workshop.	This project they will explore: -	Plan their task using a brainstorm / mind mapping.
		Researching into design theme.	Generate their own design specifications.		Researching into design theme.	Generate their own design specifications.
			Developing their design ideas.	Students will explore:	Students will study: Experimentation and research	Developing their design ideas.
			Measuring and cutting accurately	Health and safety issues when using the sewing machines and specialised textiles equipment.	Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.	Measuring and cutting accurately
			Using a sewing machine confidently	Hazards in a textiles workshop.		Using a sewing machine confidently

TEXTILES TECHNOLOGY

CURRICULUM OVERVIEW – KEY STAGE 3

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 9	Students will explore:	Students will study: Experimentation and research	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning.	Students will explore:	Students will study: Experimentation and research	Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning.
	Health and safety issues when using the sewing machines and specialised textiles equipment.	Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.	This project students will be able to explore: -	Health and safety issues when using the sewing machines and specialised textiles equipment.	Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.	This project students will be able to explore: -
	Hazards in a textiles workshop.	This project they will explore: -	Plan their task using a brainstorm / mind mapping.	Hazards in a textiles workshop.	This project they will explore: -	Plan their task using a brainstorm / mind mapping.
	Textiles equipment and their uses.	Researching into design theme.	Generate their own design specifications.	Textiles equipment and their uses.	Researching into design theme.	Generate their own design specifications.
	Using the hot textiles equipment safely.	Be able to research for ideas using computers.	Developing their design ideas.	Using the hot textiles equipment safely.	Be able to research for ideas using computers.	Developing their design ideas.
		Experimenting with decorating fabric.	Measuring and cutting accurately	Students will explore:	Experimenting with decorating fabric.	Measuring and cutting accurately
		Using wet and hot textiles equipment such as tie dye, batik, marbling, heat press and glue gun.	Using a sewing machine confidently Go through the various stages of the design process. Learn how to design a textiles product for a target group, and how it could be produced in larger quantities. Evaluation of product made.	Health and safety issues when using the sewing machines and specialised textiles equipment.	Using wet and hot textiles equipment such as tie dye, batik, marbling, heat press and glue gun. Go through the various stages of the design process. Learn how to design a textile product for a target group, and	Using a sewing machine confidently. Go through the various stages of the design process. Learn how to design a textiles product for a target group, and how it could be produced in larger quantities. Evaluation of product made.

		Suggestions to improve.		how it could be produced in large quantities. Evaluation of product made. Suggestion to improve.	Suggestions to improve.
	Hand/ machine embroidery using hand and machine sewing equipment. Applique and machine embroidery. Using the sewing machines for different stitching processes.	**Food and Textiles rotation.**	**Diagnostic Written Assessment.**	**Food and Textiles rotation.**	**Food and Textiles rotation.**