



Northampton International Academy

Design and Technology Curriculum – Textiles Overview



Why Teach Design and Technology?

We believe that Design and Technology is at its core all about creativity and imagination. Students learn to design and make products taking into account the modern world and needs of others, allowing them to access a plethora of careers in the growing area of the creative industries and engineering.

Students have to consider others and understand their view points, think in creative ways to solve problems, learning practical skills an variety of media techniques and process in order to achieve an effective end result.

Design and technology requires a combination of divergent and creative thinking blended with theoretical understanding and practical skills.

From designing objects for a commercial market through to clothing, furniture and Food, Design and technology equips students for their future by encompassing practical life skills and encourages students to be make appropriate decisions and solve problems.
– essential skills for the modern world.

We want our students to be able to think like designers,

Learning for Life and Careers

Employability skills

Literacy, Numeracy, Analysis, Creativity, Organisation, Initiative, Communication, Presentation, Collaboration,

Linking the Curriculum to careers:

Clear career links following designers and makers are shared throughout.

Encounters with employers

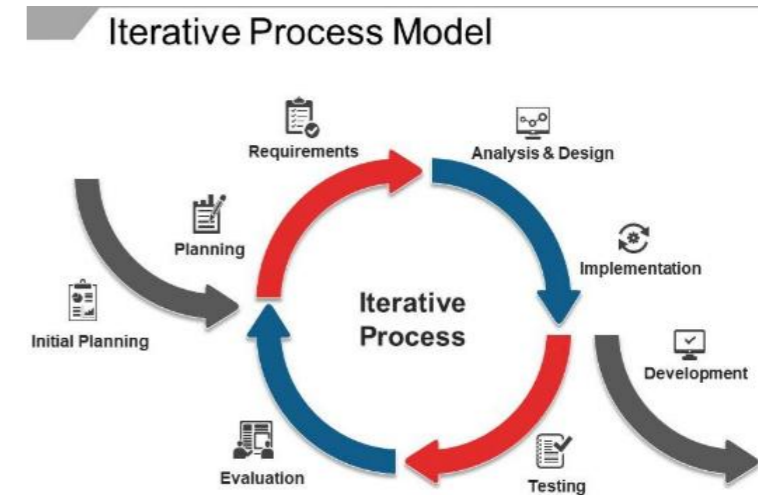
Visiting artist

Examples of qualification pathways

Textiles can lead to a multitude of further education options including fashion, surface decoration, and other art or design related degrees.

Disciplinary Knowledge

	Designing	Understanding contexts, user and purposes
		Generating, developing, modelling, and communicating ideas
	Making	Planning
		Practical skills and techniques
	Evaluating	Own ideas and products
		Existing products
		Key events and individuals



Curriculum Overview

Textiles	Appliqué picture	Roller wrap fabric holder	Image Transfer bag	GCSE, Art and Design – Textiles	GCSE, Art and Design – Textiles
	Hand Sewing techniques. Applique techniques.	Hand and machine sewing techniques. Batik	Hand and machine sewing techniques. Image Transfer.	Skills and techniques workshops. Major coursework project.	Major coursework project. Exam project and formal exam.



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Design and Technology – Textiles secondary Curriculum Map



Key Stage 3 and 4	Year 7,8 & 9 (Key Stage 3) Students have 1 lesson every two weeks			AQA Art and Design – Textiles GCSE (Key Stage 4) Students have 3 lessons per two weeks	
	Year 7	Year 8	Year 9	Year 10	Year 11
Topics Covered.	<p style="text-align: center;">Applique Picture</p> <p>Work is inspired by Lucy Levenson and other textile artists.</p> <ul style="list-style-type: none"> • Create a paper template. • Cut fabric safely. • Pin fabric • Sew fabric together in applique and reverse applique. • Practice a range of basic hand sewing stitches using embroidery thread. • Health and Safety 	<p style="text-align: center;">Roller wrap</p> <p>Work is inspired by the Memphis design movement and other textile and batik artists.</p> <ul style="list-style-type: none"> • Develop a pattern inspired by Memphis Design. • Use batik process to decorate fabric. • Use fabric dyes to colour batik fabric. • Use the iron safely to remove wax from fabric. • Use pinking sheards to cut fabric. • Sew into a product – roller wrap. • Evaluate the work and process. • Health and Safety 	<p style="text-align: center;">Image transfer tote Bag</p> <p>Work is inspired by Victoria Villasana and other textile artists.</p> <ul style="list-style-type: none"> • Understanding the work of others and being inspired by this. • Personal Digital visual collage • Image transfer using sublimation printer and heat press • Hand and machine sewing • Bag construction • Image embellishment using a variety of embroidery and other techniques. • Evaluate. • Health and Safety 	<p style="text-align: center;">Textiles skills workshops</p> <p><u>Autumn Term/Spring Term</u></p> <ul style="list-style-type: none"> • Fabric formation • Weaving and spinning • Fabric manipulation • Felting • Printing on fabric • Dyeing techniques • Fabric embellishment • Hand and Machine sewing <p>Researching and analysing the work of textile designers and textile artists. Linked to the practical skills learnt.</p> <p>Learning how to cover the assessment objectives and presentation of work into sketch books.</p> <p>Spring Term <u>The World Around Us</u> Student begin investing and researching the theme for their major course work project</p> <p>Summer term Students develop ideas and experiment with materials. Refining and developing work.</p>	<p>Autumn Term Student work on their major course work project and produce their final outcome.</p> <p>Spring Term Externally set task released by the exam board -Jan 1st Student work on their selected externally Set assignment question. Lesson time is used to prepare for a 10 hour practical exam.</p> <p>Unaided exam sessions take place.</p> <p>All work is marked internally and moderated by the exam board.</p>