



Subject Knowledge Audit – D&T (Textiles)

Please decide on your ability to teach the content/skills listed below at KS3/KS4	
KEY:	
4	No knowledge – Currently a gap in my subject area
3	Limited knowledge – Would not feel confident to teach this content
2	Good knowledge – Confident in ability to teach with some guidance
1	Expert knowledge - Confident to teach
The completed subject audit will be used by your Mentor to create your Individual Training Plan. Your progress will be reviewed on a fortnightly basis.	
You should review and record your progress at each review window below (and share this with your Mentor)	

Subject Area:		Baseline (4 -1)	Dec. (3 -1)	May (3 -1)	Target for ECT year if applicable
Subject Knowledge Textiles Technology					
Making skills Equipment	Sewing machine- can demonstrate safe use of sewing & embroidery machine as well as a range of correct processes.				
	Can use the sewing machine: Fill spool, range of stitches, button hole and general maintenance to ensure safety and working order. Can plan and time the processes of making a range of products.				
Finishes	Can demonstrate a range construction process; seams, finishes, fastening, pockets.				
	Can adapt and create a range of blocks				
	Can adapt & work with a range of commercial patterns				
	Can use stand modelling techniques to create a range of toile's				



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Decoration and enhancement	Textile Techniques - Can work a range of techniques; Appliqué (hand & machine), Batik, silk painting, fabric manipulation, transfer print, quilting , patchwork, hand sewing processes.				
Dyeing and printing	Has knowledge and understanding of commercial methods and hand methods of dyeing and printing fabric.				
Making skills	Can select and use tools/equipment and processes to produce a range of quality products.				
	Can consider the solution to technical problems in the design and manufacture process.				
	Can use tools and equipment safely with regard to themselves and pupils.				
	Can work accurately and efficiently in terms of time, materials and components.				
	Can manufacture products applying quality control procedures.				
	Understand and have knowledge of Computer Aided Manufacture (CAM) and to use as appropriate.				
	Can ensure, through testing, modification and evaluation, that the quality of students’ products is suitable for intended users and				



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	devise modifications where necessary that would improve the outcome.				
Designing Skills	Understand and consider environmental and sustainability issues in designing products.				
	Understand and consider health and safety in all its aspects in designing.				
	Understands design for manufacturing and is aware of current commercial/industrial processes.				
	Can generate design proposals against stated design criteria, and modify proposals in the light of on-going analysis.				
	Can use drawing techniques to draw fashions illustration and design templates.				
	Can use, where appropriate, a range of graphic techniques and ICT (including digital media), including CAD, to generate, develop, model and communicate design proposals. Can use Speedstep.				
	Can understand the design principles of form, function and fitness for purpose.				
	Can be creative and innovative when designing.				
	Can develop and use design briefs and specifications for creative design & make projects at all key stages.				
	Able to analyse products in terms of the materials used, form, function, aesthetics, ergonomics,				



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	technical details, new technologies etc.				
Fibres and Fabrics / components					
	Has working knowledge of the basic composition, physical and aesthetic characteristics of a range of different fibres to include: natural fibres (cotton and wool), regenerated fibres (viscose), synthetic fibres (polyester and elastomeric).				
	Has good working knowledge of combination, construction and use of textiles fibres and fabrics.				
	Has good working knowledge of woven fabrics (plain weave, twill weave and satin weave), knitted fabrics and one non-woven fabric. Knows that modern microfibres can be used to construct woven, knitted, laminated and micro-encapsulated ‘Smart’ fabrics;				
	Is aware of technological advances in textiles materials and their use in a wide range of industries.				
Components / Manufactured Components	Can select, use and evaluate the function, suitability and safety of manufactured components in design and make tasks; can identify and have a working knowledge of components including fastenings (to include zips, buttons and Velcro), threads, trimmings, interfacing, motifs, labels and electronic components; be aware of the technological				



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	advancements in component design.				
Curriculum key stage 3					
	Can develop effective and creative short, medium, long term plans.				
	Can create and work with a range of worksheets that allow for creativity and progress.				
	Can use assessment for learning - Summative & formative. Can use data to inform target setting and monitor progress.				

Curriculum key stage 4					
	Can develop effective and creative short, medium, long term plans.				
	Can follow and use to develop planning for: relevant specifications				
	Can use assessment for learning - Summative & formative. Can use data to inform target setting and monitor progress.				



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Evidence of subject knowledge development

Record below the things you have **read and researched** to improve your subject knowledge in the boxes below.

Term 1	September/ October	November/ December
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Term 2	January/ February	March/ April
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Term 3	May/ June	June/ July
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Please sign this sheet off at the end of the training year:

Signed: _____ (Trainee) Date: _____

Signed: _____ (Mentor) Date: _____