

St. Sampson High School
Subject Curriculum Overview
The Design & Technology Department

Department	Textiles	HoD	Sally Wenlock (Textiles teacher Caroline Harston)
Intent	<ul style="list-style-type: none"> To develop the creative, technical and practical expertise needed to perform everyday tasks, critique and evaluate ideas and products and the work of others Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users 		
Big Ideas	<p><small>Big Ideas for design & technology</small></p> <p style="text-align: right;">Taken from 'Big Ideas for D&T' by D.Barlex & T.Steeg</p> <p>During Key Stage 3 students will be working with fabrics and stitch. They will learn how to create functional</p>		<p>Key tier 2 and 3 vocabulary</p> <p>Year 7 - stencil, centimetre, stitch lines, scalpel, self-healing cutting mat, Health & Safety, dynamic, yarn, thread, pin, needle, fabric, calico, backstitch, print, design, synthetic, research, pattern, product, primary, secondary, cotton, natural, needle threader</p> <p>Year 8 – centimetre, stitch lines, Health & Safety, yarn, thread, pin, needle, fabric, calico, trace, light box, design, research, pattern, product, primary, secondary, render, yarn, tack, button, embellish, blanket stitch, running stitch, cotton, backstitch, grain, tonal, scissors, sequin, needle threader, sewing machine</p>

	products using a range of specialist equipment, processes and tools. Students will be aware of key Health & Safety issues with regards to equipment and processes and movement around the Design Technology workshop. Students will use a variety of new and existing skills including drawing, painting, designing, stitching, batik and printing. Textiles is taught on a rotation basis within the D&T department where each rotation is either 9 or 12 weeks in length enabling students to experience four or three disciplines throughout the year.			Year 9 – centimetre, stitch lines, Health & Safety, yarn, thread, pin, needle, fabric, calico, design, research, pattern, product, primary, secondary, yarn, tack, button, embellish, blanket stitch, running stitch, backstitch, grain, tonal, scissors, sequin, batik, dye, wax, tjanting tool, aesthetic, primary, secondary, product, resist, cotton, polyester, needle threader, sewing machine	
Enrichment or Opportunities for out of class learning	Students have the opportunity to use the workshop outside lesson times to continue project work in addition to learning to knit and crochet.				
Links to Rights Respecting School	ARTICLE 12 Every child has a right to respect their views on matters that affect them, and for these views to be taken into consideration. ARTICLE 13 Every child has the right to find out and distribute information and to express their ideas through talking, writing, art or any other form of expression. ARTICLE 17 Every child has the right to find out information and material from a variety of media sources. ARTICLE 31 Every child has the right to relax, play and take part in cultural and artistic activities.				
The key aspects of pupil achievement	Knowledge	Pupils should know the individual skills and techniques (& H&S) required to successfully create an end product.	Understanding	Pupils should understand when and how to apply these skills & techniques to achieve the desired end product.	Skills Students should be able to demonstrate skills and techniques and employ them, safely, and independently
By age 11 students should	Knowledge	Of basic material properties (for each of the disciplines) and an awareness of	Understanding	Understand the differences between the specialisms and have a grasp of/ experience of	Skills The students should have some basic experience of completing

		basic H&S appropriate for each area.		some of the basic subject specific vocabulary/terminology.		practical work within each of the disciplines.
KS3	Year 7		Year 8		Year 9	
Implement Single Rotation	Students look at existing products (juggles) then proceed to create their own using animal patterns as their surface design inspiration. Juggles will be stencil printed using fabric paint and hand stitched.	Be able to demonstrate understanding and use of research. Understand the concept of developing a design from an original starting point to final execution. Develop sufficient manual dexterity to manipulate small hand tools safely.	Students look at existing products (stuffed fabric toy animals) then proceed to design their own from a basic template of a butterfly and fish, to modify and pattern as they choose. They will use animal patterns, specifically butterflies and fish as their surface design inspiration. Designs will be hand coloured using fabric pastels and machine stitched.	Be able to build upon their previous experience of research and design. Understand the purpose of tacking prior to machine stitching. Be able to successfully thread and operate a sewing machine using straight and zig-zag stitch.	Students look at existing products (iPad covers) and evaluate for functionality, then proceed to create their own using rock and agate strata as their surface design inspiration. Designs will be hand painted using batik and fabric dyes and machine stitched.	Analyse and evaluate a product range. Develop a product to enhance an existing one. Be able to construct a functional product.
Assessment	Students are given verbal and written feedback throughout the rotation.	In addition students are given a National Curriculum level halfway through and at the conclusion of the rotation.	Students are given verbal and written feedback throughout the rotation.	In addition students are given a National Curriculum level halfway through and at the conclusion of the rotation.	Students are given verbal and written feedback throughout the rotation.	In addition students are given a National Curriculum level halfway through and at the conclusion of the rotation.

Implement Spring	N/A		N/A		N/A	
Assessment	N/A					
Implement Summer	N/A		N/A		N/A	
Assessment						
By age 14 students should	Knowledge		Understanding		Skills	
KS4	Year 10			Year 11		
Implement Autumn	N/A			N/A		
Assessment						
Implement Spring	N/A			N/A		

Assessment				
Implement Summer	N/A		N/A	
Assessment				
By age 16 students should	Knowledge		Understanding	Skills