

**Subject: Fashion**

**Year Group: Year 9**

Week beginning	Subject Topic	Spec Link	Key Learning points/big questions	Independent/Home learning	Linked Assessment	Resources
2/11	Technology push, consumer choice, market pull  Product Life Cycle	1 12	<p><b>Learning Intentions:</b> Understand the terms technology push, consumer choice and market pull and be able to give names of products where these terms are relevant. Define a product lifecycle and the 4 stages a product goes through. Gain an understanding of how to make a simple hair scrunchie. Be able to draw a flow chart, using the correct symbols. Understand that products are made globally. Give some examples of how consumers are protected when they buy a product.</p> <p><b>Key Questions:</b> Why do we use patterns when we make a product? What are the symbols used for a flow chart? Why is a flow chart used? Why are products made globally? What are the advantages and disadvantages.</p> <p><b>Extended Questions:</b> 33. Why is it important that components are made within specified tolerance dimensions? 33. Suggest 2 quality control checks which could be carried out on a brown, paper, printed bag. 35. Why is it important that templates are hard wearing? 7. A company is designing a new smart watch. Suggest two features that the company could add to the watch to make sure its suitable for elderly users. 7. Explain one way in which the internet can affect fashion trends. 6. It is the year 2071... Flamadoodle Technologies have developed the Flamadoodle S smart speaker. It can play whatever song the person nearest to it is thinking of. - Suggest what aspect of the product is present due to technology push. - Suggest what aspect of the product is present due to market pull. 91. Jin is making a flowchart to plan the work order of printing a book. What shape box should be used to represent varnishing the cover?</p>	Knowledge organiser self-quiz: Read and revise the main knowledge from your KO, cover and write your own summary. Fill in the box to include any questions for your teacher you may have.	Low Stakes Test Exam questions within the lesson.	
	Dem Hair Scrunchie for flow chart					
	Global Production Consumer rights and legislation					
9/11	Manufacturing Specification	12	<p><b>Learning Intentions:</b> Gain an understanding of a manufacturing specification and the information this might include. Understand the production systems; one off and batch.</p> <p><b>Key Questions:</b> What type of production runs all the time without interruption? What are the differences between the 3 types of production system? What is a manufacturing plan? What information should a working drawing contain? What is nesting?</p> <p><b>Extended Questions:</b> 32. Jess is making a prototype of a toothbrush she has designed. Suggest what type of production would be used to make the prototype. 90. Georgia has designed a key ring. What information does she need to include in the manufacturing specification about the materials needed for the key ring?</p>	Knowledge organiser self-quiz: Revise the key vocabulary on your KO. Self test your understanding using the sheet provided.	Low Stakes Test Exam questions within the lesson. Production of a manufacturing specification using what has been learnt.	
	Production line One off Production Batch Production					

16/11	Mass Production Continuous production Just in time Sub assembly	12	<p><b>Learning Intentions:</b> Understand the production systems; mass and continuous. Gain an understanding of just in time and sub assembly. Be able to work as part of a batch production line.</p> <p><b>Key Questions:</b> What is mass and continuous product. Give examples of products made with these production methods. How is a batch product line organised? What jobs do the workers have? How are the products made to a high quality? How is the manufacturing specification used when making a product.</p> <p><b>Extended Questions:</b> 1. Define the work automation. 32. A printing company prints lots of different books, each in batches of 2000 copies. Suggest why it may be more cost effective for the company to print larger batches of each book. 1. explain how lean manufacturing minimised the cost and maximises the efficiency of a manufacturing process. 1. A company builds a factory with no warehouse to store materials used to build their products. What system of stock control is the company likely to be using? Explain.</p>	Knowledge organiser self quiz: Generate 10 questions from the information on your KO. Self test yourself using these questions.	Low Stakes Test Practical production of a hair scrunchie. How the student organises their self as part of a batch production line.
	Batch produce hair scrunchie				
	Batch produce hair scrunchie				
23/11	Assessment	1 12	<p><b>Learning Intentions:</b> To complete a summative assessment to gather information on progress and key areas for development. To successfully evaluate your cushion cover using the assessment criteria.</p> <p><b>Key Questions:</b> What have I done well? What skills have I developed? What do I need to work on? How will I do this? What knowledge have I learnt? What knowledge am I still unsure about?</p>	Knowledge organiser self quiz: Produce a mind map of all the information you have learnt from the KO. Add knowledge you have gained from your lessons.	Low Stakes Test Summative assessment. Evaluation.
	Complete scrunchies and evaluate				
30/11	Fabrics & Fibres Fabric construction	12	<p><b>Learning Intentions:</b> To develop your understanding of fibres and fabrics and their construction. To develop your understanding of plain seams. To understand how sublimation and transfer printing is carried out by hand and in industry.</p> <p><b>Key Questions:</b> Which fabrics are classed as natural and synthetic? Where do they come from? What are the properties of each fibre? What are the uses of each fibre? What is the difference between a staple and filament fibre. Give reasons why specific fabrics have been used for a product. What is sublimation and transfer printing? What is a fabric blend? What is the advantage of a fabric blend?</p> <p><b>Extended Questions:</b> 16. Suggest one reason why silk is not often used from making jumpers. 16. Give one example and one disadvantage of using wool to make a winters hat. 62. Give two properties that fabric used for a cushion cover should usually have. 64. Name a tool used for pressing the seams on a garment. 62. Suggest one reason why cotton is a good choice of fabric for a dog bed. 63. Yoga futures make clothing for people that do yoga. Would it be more suitable for the firm to make its clothing from polyester or elastane? Explain.</p>	Knowledge organiser self quiz: Generate 10 questions from the information on your KO. Self test yourself using these questions.	Low Stakes Test Exam questions within the lesson.
	Sewing machine – Produce a plain seam				
	Printing: Sublimation and transfer printing				

7/12	Smart Materials Technical Materials	4 12	<p><b>Learning Intentions:</b> Gain an understanding of Smart and Technical materials and how they can be used on products. Apply previous knowledge to add a sublimation print to fabric.</p> <p><b>Key Questions:</b> What are nano materials? Give one use of a LCD. What does stimuli mean? Name three stimuli that can change the properties of a smart material. What is a composite material?</p> <p><b>Extended Questions:</b> 27. Kevlar is a fibre used in some technical textiles. What is a technical textiles? What beneficial properties do fabrics made from Kevlar have? 27. Dan is designing some trousers which will repel insects using chemicals. Describe how he could use microencapsulation to create the trousers. 27. Leela has a mug with a picture of her pet pigeon, Clay, on it. When she fills her mug with hot tea, Clay appears on the front of the mug. Over time, the picture disappears. Suggest an explanation for this.</p>	Complete brain dump 1 activity. Write in the box, everything you currently know about production types, both from lessons and the KO.	Low Stakes Test Exam questions within the lesson. Samples produced for printing techniques.
	Apply sublimation to fabric square  Select photo for transfer printing				
14/12	Bias Binding Piping	4 12	<p><b>Learning Intentions:</b> To gain an understanding of piping and bias binging. To use previous knowledge to successfully apply a transfer print to fabric. To use developed skills to sew together front and back of your hand warmer.</p> <p><b>Key Questions:</b> What is piping? What is bias binding? Where would these techniques be used? How should we use the sewing machine safely?</p> <p><b>Extended Questions:</b> 65. Suggest which parts of a jacket might be piped. Suggest a reason for the piping.</p>	Complete brain dump 2 activity. Write in the box, everything you currently know about how products are manufactured to a high quality, both from lessons and the KO.	Low Stakes Test Application of transfer print. Exam questions within the lesson.
	Apply transfer print and thermochromic ink.				
	Sew together 2 pieces and fill ready to be bound.				
<b>Xmas Holidays</b>					

In the event of a full or partial closure of the year group, it will not be possible to teach all aspects of this course. Flexibility will need to be exercised by teachers and some lessons will be moved around.

NC Strand Key:

D Design

M Make

E Evaluate

TK Technical Knowledge