



YEAR 12 TERM 1

'An ambitious curriculum that meets the needs of all'

Medium Term Planning - Topic: Paper and Board



Curriculum Intent

In addition to working further on objectives from Year 9 , pupils will be taught, following National Curriculum guidelines, the following this term:

To be able to:

- name different types of papers and boards.
- describe the performance characteristics of papers and boards, including:
 - the ability to be scored
 - cutting
 - folding
 - surface qualities for printing
 - impact resistance
 - recyclability and/or biodegradability.
- explain why different papers and boards are suitable for different applications, including:
 - layout paper: sketch pads
 - cartridge paper: printing
 - tracing paper: copying images
 - bleed proof paper: marker rendering
 - treated paper: photographic printing
 - watercolour paper: painting
 - corrugated card: packaging
 - bleached card:
 - greeting cards and high quality packaging
 - mount board:
 - modelling
 - duplex card:
 - food packaging: foil backed and laminated card: drinks packaging
 - metal effect card:
 - gift packaging moulded paper pulp:
 - eco-friendly packaging
- know the ways that paper and board can be shaped into different products such as packaging.
- Specific process to include:
 - die cutting
 - laser cutting
 - creasing
 - bending.
- know the ways that paper and board can be finished to enhance their appearance or for improved function.
- Specific finishes to include:
 - laminating
 - embossing
 - debossing
 - varnishing, UV varnishing and
 - spot varnishing
 - foil blocking.

Skills/Assessment Objective Links

	<ul style="list-style-type: none"> Students to know the different types of printing processes and their suitability for specific products and scales of production. Specific processes to include: <ul style="list-style-type: none"> screen printing flexographic and offset lithographic printing digital printing. To be able to explain uses and suitability for: <ul style="list-style-type: none"> foam board: model making fluted polypropylene: signs and box construction translucent polypropylene sheets: packaging styrofoam: modelling and formers low density polyethylene sheet: wrapping, packaging and bags plastazote foam: protective packaging cellulose acetate: packaging polyactide sheet and film: biodegradable packaging.
Spiritual, moral, social, and cultural development	SMSC: Sustainability and 6Rs, Eco packaging PSHE/British Values: Links to British industries and products sold in the UK Skills Builder: Linking product with the type of material and the reasons why the material is used.
Numeracy	
Literacy	Vocabulary Tier 2: See highlighted above Vocabulary Tier 3: See highlighted above Reading: exam style question, text book terminology Writing: use of technical tier 3 vocabulary within an exam question and annotation Oracy: when questioned pupils are able to use technical subject specific language
Becoming future ready	Careers/Employability: Knowledge of metals, metal industries and processes
Adaptation	Throughout this topic, quality first teaching will provide differentiation:
QFT/SEND Provision	By product: By resource: A Level books, Online resources, Powerpoints By Intervention: by providing different levels of supervision and support By Progressive Questioning: exploring pupils' understanding through interactive dialogue. By Grouping: according to prior attainment, gender, social preference, preferred learning style. By Task: Pupils should be involved in the identification of targets which are meaningful to them and in the selection of an appropriate task from the given range. By Offering Optional Activities: In class or as homework, to extend learning. This QFT/SEND provision will be explicit within the lesson-by-lesson schemes of work.
Implementation Curriculum Delivery	To be able to explain why different papers and boards are suitable for different applications, including: <ul style="list-style-type: none"> layout paper: sketch pads cartridge paper: printing tracing paper: copying images bleed proof paper: marker rendering treated paper: photographic printing watercolour paper: painting corrugated card: packaging bleached card: greeting cards and high quality packaging mount board: modelling duplex card: food packaging: foil backed and laminated card: drinks packaging ¹¹¹ISEP metal effect card: gift packaging moulded paper pulp:
Learning Outcomes (Knowledge)	

	<ul style="list-style-type: none"> eco-friendly packaging <p>Red denotes interleaving; aspects of knowledge covered previously. Only a small amount of knowledge covered at GCSE</p>
Current learning to be developed in the future within:	
Assessment	End of Unit assessment – use of AQA Exampro questions
Impact	Students to have knowledge and understanding of paper and boards, processes and finishes in order to be able to answer exam style questions and apply knowledge and understanding to NEA tasks.