

Curriculum Map 2023-2024

DESIGN & TECHNOLOGY



YEAR GROUP	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
<p>YEAR 7 Design & Technology: Textiles, Timbers, Food & Graphics taught on a rotation system.</p>	<p>Baseline Assessment: Fridge Magnet. Research, design, make and evaluate a graphics fridge magnet.</p>	<p>Textiles: Monster. Research, design, make and evaluate a fabric soft toy.</p>	<p>Timbers: Frog. Research, design, make and evaluate a wooden frog.</p>	<p>Timbers: Frog. Research, design, make and evaluate a wooden frog.</p>	<p>Food: Intro to Food. Research, plan, make and evaluate a range of introductory recipes.</p>	<p>Food: Intro to Food. Research, plan, make and evaluate a range of introductory recipes.</p>
<p>YEAR 8 Design & Technology: Textiles, Timbers & Food taught on a rotation system.</p>	<p>Textiles: Apron. Research, design, make and evaluate a fabric apron to wear in DT.</p>	<p>Textiles: Apron. Research, design, make and evaluate a fabric apron to wear in DT.</p>	<p>Timbers: Mechanical Toy. Research, design, make and evaluate a mechanical toy.</p>	<p>Timbers: Mechanical Toy. Research, design, make and evaluate a mechanical toy.</p>	<p>Food: Food Provenance. Research, plan, make and evaluate a range of sweet and savoury dishes.</p>	<p>Food: Food Provenance. Research, plan, make and evaluate a range of sweet and savoury dishes.</p>
<p>YEAR 9 Design & Technology: Textiles, Timbers & Food taught on a rotation system.</p>	<p>Textiles: PJ Shorts. Research, design and make and evaluate a pair of fabric PJ shorts.</p>	<p>Textiles: PJ Shorts. Research, design and make and evaluate a pair of fabric PJ shorts.</p>	<p>Timbers: Box. Research, design, make and evaluate a personalised wooden box .</p>	<p>Timbers: Box. Research, design, make and evaluate a personalised wooden box .</p>	<p>Food: Balanced Diet. Research, plan, make and evaluate main meals for healthy eating.</p>	<p>Food: Balanced Diet. Research, plan, make and evaluate main meals for healthy eating.</p>

YEAR GROUP & SUBJECT	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
YEAR 10 DT Textiles	Baseline Assessment: Advanced making skills – construction processes, components, shaping techniques and surface treatments. Exam Theory Section B: Fibres, textiles and fabric stock forms.	MOCK NEA Coursework: Product analysis, mood board and fashion design. Exam Theory Section B: Scales of production, social and environmental impact.	MOCK NEA Coursework: manufacturing a fashion and textiles product. Exam Theory Section B: Specialist techniques, processes, surface treatments and finishes	MOCK NEA Coursework: manufacturing a fashion and textiles product. Exam Theory Section A: New and emerging technologies and smart materials.	MOCK NEA Coursework: manufacturing a fashion and textiles product. Exam Theory Section A: Other materials.	NEA Coursework Section A: Research - Identifying and investigating design possibilities. MOCK Exam Revision.
YEAR 11 DT Textiles	NEA Coursework Section B: Specification - Developing a design brief and specification. Section C: Design - Generating and developing design ideas.	NEA Coursework Section D: Make - Manufacturing a prototype product. MOCK Exam Revision.	NEA Coursework Section D: Make - Manufacturing a prototype product.	NEA Coursework Section E: Evaluation - Analysing and evaluating design decisions and prototypes.	Exam revision.	n/a
YEAR 10 DT Timbers	Learning core skills: CAD, wood joints, shaping and finishing skills. Assessment: Section B – Examination Theory	NEA practice mini project 1. Designing a headphone holder: Theory: Timbers. Where do they come from? What is the moral, social and economic implications of sourcing different timbers. Assessment: Coursework and : Section B – Examination Theory	Further development of core skills: CAD, wood joints, shaping and finishing skills. Assessment: Section B – Examination Theory	NEA practice mini project 2. Designing a Candle holder: Core Design and Technology theory to include all materials and industrial processes used within design Assessment: Coursework and : Section A – Examination Theory	Final project: Moving Puzzle. Assessment: Final practical piece	Contextual Challenge: GCSE coursework – research and analytical skills. Section A – Examination Theory
YEAR 11 DT Timbers	Unit 2: Designing GCSE Coursework – Contextual Challenge: Drawing skills, annotation, modelling and review of ideas. Section A: Examination theory	Unit 3: Making GCSE Coursework – Contextual Challenge: Prototyping to finished product. Development of making skills. Completion of Section A: Examination Theory	Unit 3: Making GCSE Coursework – Contextual Challenge: Prototyping to finished product. Development of making skills. Completion of Section A: Examination Theory	Unit 4: Evaluation GCSE Coursework – Contextual Challenge: Consolidation of coursework with an in depth evaluation. Section A: Examination Theory	Revision and preparation (theory)	n/a

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YEAR 10 Food and Nutrition	Diet and Nutrition: Macro and Micro Nutrients Eat Well Guide	Food Preparation Skills: Practical food making methods	Food Science: Heat transfer, raising agents, Key specific terms	Food Safety: Bacteria, food poisoning, food spoilage, food storage/cooking	Food Choice: Religion and social food choices	Food Provenance: Farming, food processes, environmental issues
YEAR 11 Food and Nutrition	NEA 1: Food Investigation 1500- 2000 word document with evidence.	NEA 1: Food Investigation 1500- 2000 word document with evidence.	NEA 2: Food Preparation task. Preparation for the three hour practical: Research, planning, making and evaluating.	Preparation for the three hour practical: Research, planning, making and evaluating.	Revision and preparation (theory)	n/a
YEAR 10 Construction	Preparing to work: Carpentry and Joinery - Understanding tools and materials.	Producing a timber frame: Carpentry and Joinery - Developing Practical Skills.	Construction and design: Designing buildings which meet the needs of the clients.	Producing window within a timber frame: Carpentry and Joinery - Developing Practical Skills.	Internal construction – skirting, fitting of the window frame.	Painting and decorating skills: Preparation, painting and wall- papering.
YEAR 11 Construction	Construction and design: Designing buildings which meet the needs of the clients.	Exam Preparation: Construction and the built environment.	Producing a stool: Carpentry and Joinery - Developing Practical Skills.	Bricklaying: Preparation of site; Understanding the construction of a cavity wall.	Bricklaying: Preparation of site; Understanding the construction of a cavity wall.	n/a