

Curriculum Narrative



Subject: Art, Design and Technology	Year: 8	Author: D. Nicholls
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Key Knowledge <i>Students will know</i>		Key Skills <i>Students will be able to</i>	
<u>Key Threshold Concepts:</u> 3D Design - Ferrous and Non-Ferrous metals - Card modelling to communicate ideas - The need for, and properties of, a range of surface finishes Art, Craft and Design - Portraiture – Drawing skills, tonal drawing, line drawing. - Advanced pencil use using full range of tone, charcoal, fine liner - Collage and mixed media - Core concepts of Art: Graduated tone, composition, proportion, depth, accuracy of line, observational, mark-making, texture, contextual references & use of art specific language - Typography – Colour, lino printing. - An understanding of typography and historical links to sign writing.		<u>Subject Skills:</u> <u>Common across all specialisms:</u> <i>Analysis of a problem or brief, Understanding of materials and specialist processes, How to develop, plan, and communicate ideas, How to safely work with tools, equipment, materials, and components to make quality outcomes, Evaluate processes and products.</i> 3D Design - Health and Safety principles - An understanding of Metal as a material – Ores to Bars - Use of hand tools – hacksaw, abrasive papers, mallets, metalcraft tools - Use of pedestal machines – pillar drill, fretsaw, belt sander - Use of Industrial Processes – Vacuum Former, CAD CAM Art, Craft and Design - Express opinions on subjects explored confidently - Use a variety of drawing materials and media - An understanding of typography and lino printing - Contextual references – Phil Frost, Kimmy Cantrell, Bob and Roberta Smith, Joby Carter	

<u>Subject Specific Knowledge and Sequencing:</u>		<u>Prerequisites and Spiral Teaching:</u>	
<u>Design and Technology</u> 1 lesson per fortnight Students rotate around subject specialisms within the DT department. completing the following projects: • 3D Design – Candle Holder project Safety, Metals		• Students will often start year 8 with a basic understanding of material classifications, Health and Safety and designerly thinking. • Students should have some skills in using specialist tools and equipment • Students will have knowledge with art skills of painting, drawing and sculpture, including the formal elements of art. • Students will be taught knowledge about material classifications and properties. • Students will be taught to use a wider range of tools and processes, building on their experiences last year.	
<u>Art, Craft and Design</u> 2 lessons each two-week cycle • Autumn/Spring – Portraiture, Line drawing, proportion, pencil, charcoal, mixed media, collage. Contextual references, African Culture, Phil Frost, Kimmy Cantrell • Spring/Summer – Typography, printmaking, painting, assemblage. Contextual references – Rob and Roberta Smith, Joby Carter		<u>Cross-Curricular Knowledge Links</u> • English- Evaluating, Speaking and listening skills • Maths- Measuring skills, isometric drawings (3D shapes) analysing data • Art/History- Art and Design movements • Citizenship- Communication skills/Teamwork • ICT- Use of Microsoft Office, Adobe Software	
<u>Reading Lists / Sources / Reading around the subject recommendations:</u>			
• Basic technical drawing by McGraw-Hill Education • CGP Design and Technology Revision guide and workbook • D&T app for smartphone		• www.bbcbitesize.co.uk • www.technologystudent.co.uk	

