

Curriculum Overview – Autumn Term 2022-2023

Subject: Design & Technology

Year group: 7

Unit number	Unit name	Key learning aspects (knowledge, understanding, skills)	Key assessment opportunities
1	Baseline test, Written and drawing	Understanding the level of knowledge, the student is at from the start of the year	Baseline testing
2	Safety in the workshop	Understand the importance of health and safety in the workshops How to behave in lessons and the workshop Learn how to use machines and a variety of hand tools safely	Baseline testing Oral and written responses to questions Peer discussion
3	Design and Make badge and fridge magnet	Be able to Identify appropriate sources of information that will help them with the designing of the badge and fridge magnet Practise freehand sketching and use of colour crayons Be able to use the badge and fridge magnet machine	Design Ideas Realisation of ideas Written evaluation
4	Graphics Techsoft 2D software	Be able to draw basic lines, scaling, measuring, shading, drawing on different layers line type Be able to draw 2D and change to 3D Isometric orthographic perspective Be able to use the program in a confident manner	Hard copy outcome of their final pieces of work Personal assessment of their work
5	Wooden car	Practise freehand sketching and use of colour crayons	Design Ideas

		Be able to use basic hand tools Be able to use machines such as the Sander, Hegner saw, and Pillar drill	Realisation of their ideas Written evaluation
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