



Bideford College Technology Faculty: Graphics Key Stage 4 Progress Matrix

| In order to get a <u>grade G</u> at GCSE you must be able to: | In order to get an <u>F-E</u> Grade at GCSE you must be able to: | In order to get a <u>D-C grade</u> at GCSE you must be able to: | In order to get a <u>B-A grade</u> at GCSE you must be able to | In order to get a <u>A*grade</u> at GCSE you must be able to |
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| Gc1.1: recall the main material groups. Paper, board, thermo plastics and graphic components and equipment. | Gc2.1: recall the main material groups, their subdivisions and describe their basic properties. | Gc3.1: recall a wide range of materials & explain why their basic properties make them a suitable choice. | Gc4.1: recall and explain in detail the complete range of materials and apply relevant knowledge. | Gc5.1: apply relevant knowledge of a complete range of materials and their properties. |
| Gc1.2: demonstrate basic understanding of design context with some analysis of other products or systems. | Gc2.2: provide a design criterion which reflects most of the analysis undertaken. | Gc3.2: provide a design criteria using analysis undertaken. Target market for the product identified. | Gc4.2: provide clear and specific design criteria. Relevant products or systems are analysed. | Gc5.2: discriminate when selecting and acquiring relevant research that promotes originality in design. |
| Gc1.3: produce a simple manufacturing specification which is general in nature. | Gc2.3: provide a limited manufacturing specification which reflects the most obvious features of analysis. | Gc3.3: complete a specification using aspects of the analysis. Client feedback taken into account. | Gc4.3: take into account the implications of a wide range of issues, when developing specifications. | Gc5.3: provide a detailed and justified product/manufacturing specification. |
| Gc1.4: generate ideas with guidance. | Gc2.4: generate and evaluate a basic design idea and develop a simple design solution. | Gc3.4: provide design ideas which show creativity and further development using CAD. | Gc4.4: provide imaginative ideas which demonstrate some creativity and take into account recent research. | Gc5.4: demonstrate imaginative and innovative ideas, showing originality & take account ongoing research. |
| Gc1.5 Identify a range of basic drawing techniques such as sketching & isometric drawing. | Gc2.5: use basic drawing methods to communicate basic design ideas and render ideas with some precision. | Gc3.5: use a wide range of drawing techniques which develop and communicate ideas. | Gc4.5 use a wide range of drawing techniques with precision to accurately communicate design ideas. | Gc5.5: use complex drawing techniques confidently to communicate intricate design ideas. |
| Gc1.6: demonstrate some evidence of testing against the specification. | Gc2.6: show some reasoning for testing without modification of the proposed solution. | Gc3.6: provide good development work with a variety of techniques and | Gc4.6: select appropriate materials and components with full regard to their working properties | Gc5.6: demonstrate work through developed thorough experimentation |

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| | | modelling using CAD if appropriate. | | with a wide variety of techniques. |
| Gc1.7: produce a simple or incomplete outcome using undemanding finishing skills, under close supervision. | Gc2.7: produce a final outcome which is largely complete using a basic level of skills. | Gc3.7: outcome shows high levels of demand. Quality control checks applied broadly but superficially. | Gc4.7: produce an outcome which utilises good making skills, appropriate tools, materials & technologies. | Gc5.7: work independently to produce an outcome which has the potential to be viable for a target market. |
| Gc1.8: present coursework sheets with a title. | Gc2.8: present a basic design folder in which Ideas and decisions are communicated at a simplistic level. | Gc3.8: present a design folder which includes mostly appropriate material. | Gc4.8: produce coursework sheets coherently and developed in terms of research & product development. | Gc5.8: produce a design folder which is focused, concise and relevant. |
| | Rm2.9: present coursework sheets in a tidily and consistent format. | Rm3.9: present coursework sheets (research and development) which are annotated and explained. | GC4.9: produce text which is legible and shows a good grasp of grammar, punctuation and spelling. | Gc5.9: communicate decisions in a clear and coherent manner with appropriate use of technical language. |