

## Information For Parents About End Of Year Exams.

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| <b>Year:</b>                           | 7  |
| <b>Length of exam:</b>                 | 60 minutes   |
| <b>Topics / skills being assessed:</b> | Health and Safety in the workshop<br>Softwoods<br>Vacuum Forming<br>Soldering<br>Electronic Components<br>CAD/CAM        |
| <b>Best sources for revision:</b>      | <ul style="list-style-type: none"> <li>• Class and Homework Books</li> <li>• DT Focus Learning on the Gateway</li> </ul> |

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| <b>Year:</b>                           | 8   |
| <b>Length of exam:</b>                 | 60 minutes  |
| <b>Topics / skills being assessed:</b> | <ul style="list-style-type: none"> <li>• Health and Safety in the workshop</li> <li>• Smart Materials</li> <li>• Mechanical Principles</li> <li>• Industrial Manufacturing of Plastics</li> </ul> |
| <b>Best sources for revision:</b>      | <ul style="list-style-type: none"> <li>• Class and Homework Books</li> <li>• DT Focus Learning on the Gateway</li> </ul>  |

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| <b>Year:</b>                           | 9  |
| <b>Length of exam:</b>                 | 60 minutes   |
| <b>Topics / skills being assessed:</b> | <ul style="list-style-type: none"> <li>• Health and safety in the Workshop</li> <li>• Frame Joints, inc Mortise and Tenon Joint</li> <li>• Box Joints</li> <li>• Timber working Properties</li> <li>• Timber Finishes</li> </ul> |
| <b>Best sources for revision:</b>      | <ul style="list-style-type: none"> <li>• Class and Homework Books</li> <li>• DT Focus Learning on the Gateway</li> </ul>   |

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| <b>Year:</b>                           | 10  |
| <b>Length of exam:</b>                 | 100 minutes   |
| <b>Topics / skills being assessed:</b> | <ul style="list-style-type: none"> <li>• Categories and Properties of Materials; Timber, Plastics, Metals, Smart Materials, Manufactured Boards.</li> <li>• Fixtures and Fittings</li> <li>• Energy Sources, Capital/Income Energy Sources</li> <li>• Design Influences; Arts and Crafts, Art Nouveau, Modernist, De Stijl</li> <li>• Electronics; Basic components and Symbols,</li> <li>• Industrial Production Techniques; Scale of Production, Injection Moulding, 3D printing,</li> <li>• Design process,</li> </ul> |

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|                                   | Sustainability, 6'rs, Product Life Cycle Analysis  |
| <b>Best sources for revision:</b> | <ul style="list-style-type: none"><li>• Class Revision Books</li><li>• DT Focus Learning on the gateway</li><li>• <a href="http://www.technologystudent.com">www.technologystudent.com</a></li><li>•</li></ul> |