

Faculty of Art & Technical

Technical Department

Pupils receive 2 periods per week within the Technical Department, averaging 1 period each for Design & Manufacture (Workshop based) and Graphic Communication (Classroom based).

Design & Manufacture

| S1 | S2 |
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| <ul style="list-style-type: none"> • Wooden Boat • Clock | <ul style="list-style-type: none"> • Mobile Phone Holder • Aluminium Spatula |
| In S1 pupils extend and enhance their design skills to solve problems and can construct models. Pupils also develop their knowledge of the basic properties and uses for a variety of materials (wood, metals, plastics) | Design and construct models/product Exploring the properties and performance of materials before justifying the most appropriate material for a task. (wood, metals, plastics) |

Graphic Communication

| S1 | S2 |
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| <ul style="list-style-type: none"> • Free Hand Sketching • Colour Theory • 1 Point Perspective • Introduction Desktop Publishing • Introduction 3D Modelling | <ul style="list-style-type: none"> • Introduction to Orthographic Drawing • 2 Point Perspective • Desktop Publishing • 3D Modelling |
| During S1 pupils use a range of graphic techniques, manually and digitally, to communicate ideas, concepts or products, experimenting with the use of shape, colour and texture to enhance their work. | During S2 pupils develop knowledge on how to apply a range of graphic techniques and standards when producing images using sketching, drawing and software |

S3 & S4

| Design & Manufacture | Practical Woodworking Skills | Graphic Communication |
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| <ul style="list-style-type: none"> • Desk Tidy • Corner Table • Shelving Unit • Tea Light Holder | <ul style="list-style-type: none"> • Basic construction Joints • Corner Unit • Mirror Frame • Tool Box | <ul style="list-style-type: none"> • 3D cinema glasses case • Mobile phone wall charging device • Child's toy • Wall display • Healthy living statistical graphic |
| During S3 & S4 pupils will develop their knowledge on how to, analyse a design brief and produce a specification, explore and refine ideas to produce a design proposal, plan the manufacture of a | During S3 & S4 pupils will develop their skills & knowledge of how to prepare for flat-frame woodworking, construct a range of basic flat-frame woodwork joints, Assemble a flat-frame, prepare | During S3 & S4 pupils will develop their skills & knowledge of how to produce and interpret simple 2D sketches and drawings, produce preliminary 2D colour designs and illustrations for |

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| <p>prototype, manufacture and review a prototype as well as being able to identify the key aspects of commercial manufacture</p> | <p>for carcass construction woodworking tasks, construct a range of basic woodwork joints used in carcass construction, assemble a carcass with four or more joints, prepare for, and use, a range of practical woodworking machining and finishing techniques, apply a range of finishes to timber and manufactured board, assemble a woodworking product comprising four or more components with the aid of machine and power tools</p> | <p>single-page promotional displays, create simple 2D promotional graphic layouts.</p> <p>3D and Pictorial Graphic Communication, Produce and interpret simple pictorial sketches, pictorial drawings and 3D models, produce simple pictorial and 3D colour illustrations, create simple pictorial or 3D promotional displays</p> |
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Both Design & Manufacture and Graphic communication progress to N6 / Higher in S5/S6. Additionally Practical Metalworking is also available in S5 / S6.

Art Department

Pupils receive 2 periods per week within the Art Department,

| S1 | S2 |
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| <ul style="list-style-type: none"> • Graphics • Colour Theory • Textile Design • Observational Drawing • Written Studies | <ul style="list-style-type: none"> • Graphic design • Painting Skills • Product Design • Observational Drawing • Written Studies |
| <p>In S1 pupils have an opportunity to choose and explore an extended range of media and technologies to create images and objects, comparing and combining them for specific tasks. Pupils develop their knowledge of how to present work that shows developing skill in using the visual elements and concepts, create images and objects which show awareness and recognition of detail, and develop and communicate their ideas while demonstrating imagination and presenting at least one possible solution to a design problem. With Written Studies it looks at using a broad range of literacy skills to express facts and opinions about artist and designers work and practice using art specific terminology.</p> | <p>In S2 pupils have an opportunity to experiment with a range of media and technologies to create images and objects, combine the visual elements and concepts to convey ideas and develop their skills and knowledge communicate imaginative design solutions. As in S1 Written Studies looks at using a broad range of literacy skills to express facts and opinions about artist and designers work and practice using art specific terminology.</p> |

S3 & S4

| Art & Design |
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| <ul style="list-style-type: none"> • Design Activity • Expressive Activity |
| <p>In the Design Activities, Pupils develop their knowledge of how designers use design materials, techniques and/or technology in their work, describing the things that have influenced these designers and the work they produce while expressing facts and personal opinions about the designers' work. Additionally Pupils develop their knowledge of how to identifying the main design opportunities, issues and constraints in the brief, producing relevant investigative and market research in response to, the brief, using design materials, techniques and/or technology in creative ways when developing design ideas, using simple evaluation skills in the creative process.</p> <p>In the Expressive Activities pupils develop skills that describe how artists have used art materials, techniques and/or technology in their work, identify the things that have inspired and influenced artists and their work while expressing facts and personal opinions about the artists' work. Additionally pupils develop their knowledge of being able to select suitable subject matter for an expressive art activity, produce observational drawings and studies showing understanding of the subject matter and the visual elements, use a variety of art materials, techniques and/or technology creatively to represent the subject matter, develop compositions and ideas for expressive art in 2D and/or 3D formats while using simple evaluation skills in the creative process when developing their expressive art work.</p> |

Art & Design progresses to N6 / Higher in S5/S6. Additionally Photography is also available in S5 / S6.