

Description

Graphic Communication in all its forms is vital to society. It is a means of getting across information visually using graphics. Graphic communication comes in many forms and various aspects of life including education, industry and commerce.

The course is designed to increase your awareness of how graphics are used, and to learn about the technology used to create them. You will create 2D, 3D and pictorial graphics with visual impact or that transmits information, digitally and on paper.

In S3 Graphic Communication there are 3 periods a week. The course covers experiences in Manual Graphics, Technical Drawing, Desktop Publishing and Computer Aided Drawing (CAD). You will learn how to read, interpret and create graphic communications. You will develop skills in spatial awareness and visual language.

Pupils will develop technical graphics skills and creativity. The skills you learn in this course are useful in many career areas including Architecture, Surveying, Engineering, Design and Marketing.

Graphic Communication will appeal to pupils who enjoy:

- Desktop Publishing (using Serif PagePlus).
- Photo manipulation (e.g. Adobe Photoshop).
- 2D orthographic drawing (elevation / end elevation / plan etc).
Lessons will include both manual sketches and Inventor CAD based drawings.
- 3D Pictorial drawings including: isometric, 1 and 2 point perspective, oblique, and exploded drawings.
- Freehand sketching showing good proportion.
- Manual colour rendering displaying realistic form, lighting, shading and texture.
- Building construction drawings.
- Drawing graphs and charts.
- Computer Aided Drawing: Modelling and assembling 3d models with accuracy from a working drawing. (Autodesk Inventor).
- Creating rendered CAD images showing realism and lighting.
- Computer Aided Graphics (CAG).

Computers are an ever increasing part in commercial drawing production and McLaren High School is no different. We place a great emphasis on being comfortable in the use of Computer Aided Drawing and Computer Aided Graphics as well as Word Processing, Desktop Publishing, the use of the internet and numerous assorted other graphic software.

In general this course covers a large range of skills and techniques all related to the real world.

Progression

In S4 pupils can continue with Graphic Communication at National 4/5 with possible progression to Higher level in future years.