

CAD Skills

Developing Computer Aided Designs (CAD) skills and have access to industry standard software (ADOBE PHOTOSHOP and ILLUSTRATOR) in order to take your designs from drawing to a digital output.



Key words



Function – Illustration - Creative - Principles
Clipping Mask - Selection Tool – Shapes – Fonts - Gradient – Zoom - Hand Tool – Canvas – Zoom – Contrast – Effects – Layout – Isometric - Relevant

Pupils need to articulate their processes using key words and technical vocabulary.

The Design Process

- Introduction to Graphics and project
- Graphic principles
- Sketch ideas (freehand and Isometric)
- Hand drawing tools
- Learn basic CAD tools
- Transfer ideas to digital
- Learn advanced GRAPHIC tools
- Quality Control and Evaluate

Health and Safety

The workshop rules must be adhered to at all times.

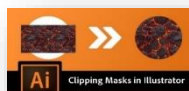
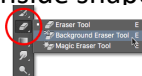
- Keep work space tidy
- Do not touch computer wires
- Put chairs under tables
- Use craft knives safely
- Safely use glues/sprays/ scissors
- Excellent behaviour

These rules are in place to keep everyone safe when working in a practical environment.



Tools and Equipment

- **Magic Wand** – used for selecting parts of an image
- **Selection Tool** – select, move, resize and rotate with this tool
- **Clipping Mask**– used to put images inside shapes and text.
- **Gradient Tool** – change and blend colours together with this tool
- **Shape Tool** – for creating different shapes (stars, circles ...)
- **Hand/Zoom Tool** – for highlighting areas of your canvas
- **Type Tool** – for adding various styles of text



Range of software



Using these pieces of software you will be able to save files in different formats and transport them to different computer programs. File types you will use include: jpg, doc, psd, ai, png and tif.



You will learn how to use a range of computer tools and equipment in the workshop correctly, safely and independently.