

# Skills for Life

**Organisation skills**

**Communication Skills**

**Presentation  
Techniques**

**Practical Problem Solving**

**Neatness**

**Freehand Sketching**

**Improved Spatial Ability**

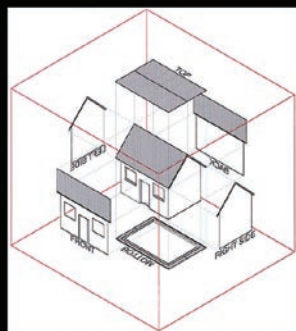
**Creativity**

**Computer Generated  
Models**



# Course Structure

**Junior Certificate  
Technical Graphics can be  
taken at Higher level or  
Ordinary level.**



**The follow on  
subject at Leaving  
Certificate is Design  
and Communication  
Graphics (DCG)  
which can be taken  
at Higher or Ordinary level.**



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**Technical  
Graphics**

## Technical Graphics

Technical Graphics involves students in the development of the range of skills associated with the management of spatial problems and the graphical communication of spatial ideas and solutions. It contributes to the development of logical thinking and reasoning and skills of observation, measurement, interpretation and problem solving.

### The Three Main Areas Studied Are;

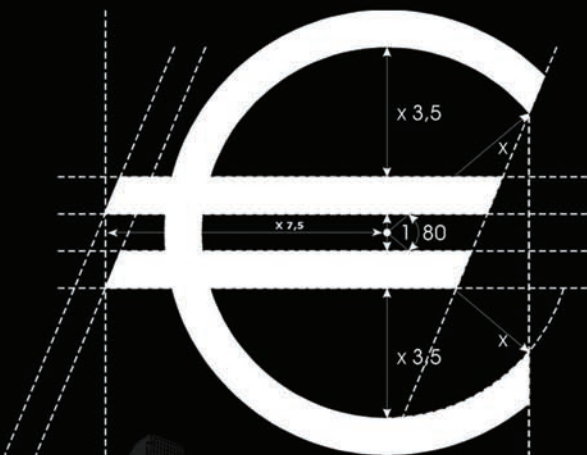
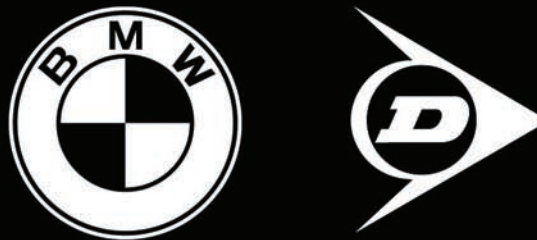
**Plane Geometry:**  
Constructions, Plane Figures, Area.

**Descriptive Geometry:**  
Orthographic Projection,  
Pictorial Drawings, Surface  
Development.

**Communication Graphics:**  
Freehand Drawing,  
Design Graphics, Computer Graphics.

Students are taught in  
mixed ability groups.

## First Year Exercises



## Possible Career Paths

**Architecture**

**Building Construction**

**Civil Engineer**

**Mechanical  
Engineering**

**Product / Industrial  
Design**

**Graphics Design**

**Drafting Technician**

**Computer Aided Design  
Technician**

**Computer Generated  
Animation**