



DESIGN AND COMMUNICATION GRAPHICS (DCG)

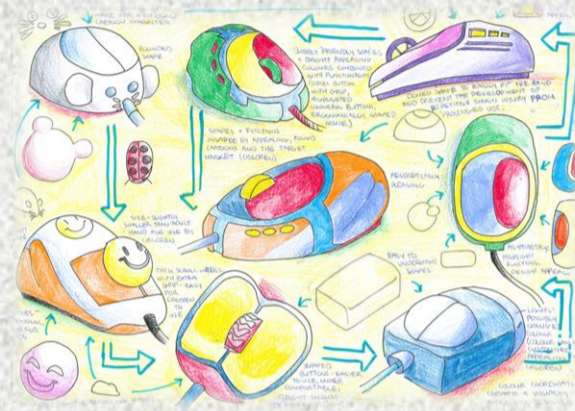
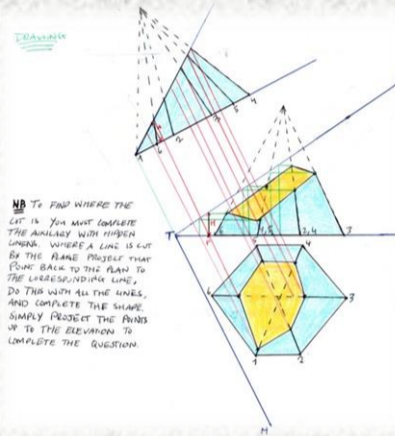
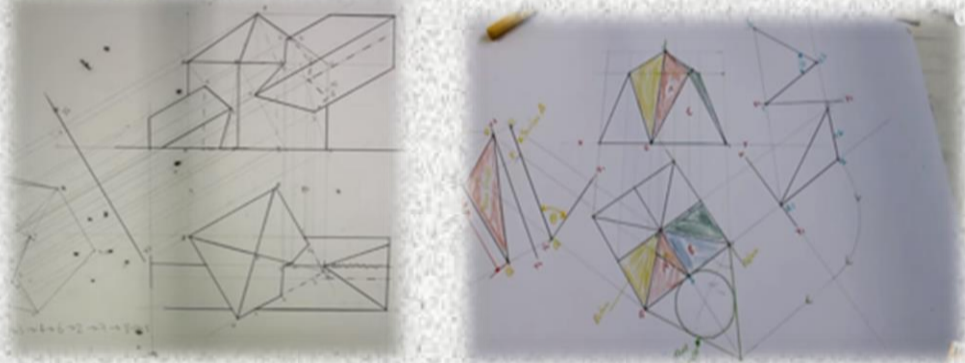
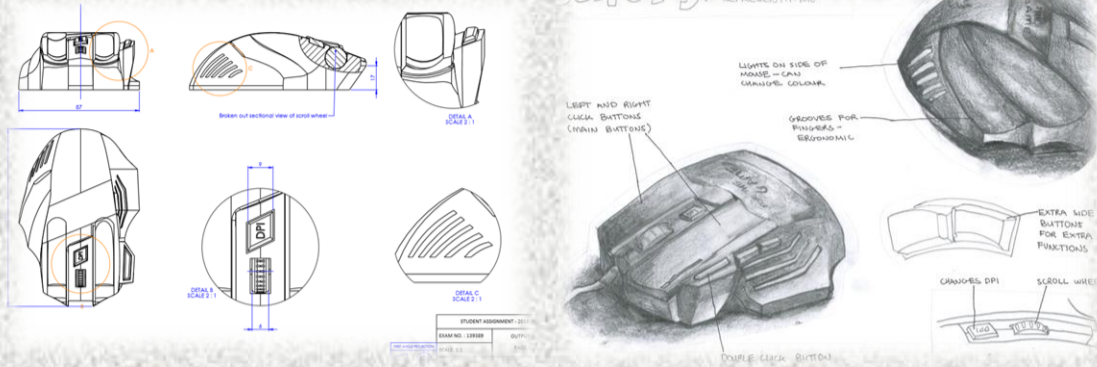


What is DCG?

DCG is a follow on subject from Junior Certificate Technical Graphics. It provides students with the opportunity for visualizing and comprehending information that is mainly presented graphically.

What do Students Learn?

Students will experience graphics and design through the means of freehand sketching, traditional draughting equipment and Computer Aided Design (CAD).



What Careers does DCG Best prepare students for?

Traditionally DCG has been seen to be most suitable for courses in engineering, science, maths or architecture. However, through the study of the course, students will develop a broad set of life long skills which are transferrable across multiple other disciplines.

- These include;
- Problem Solving
 - Creative Thinking
 - Visual Spatial Skills
 - Organisation,

- Fine Motor Skills
- Neatness and Accuracy
- ICT Skills
- Graphical Communication

What other subjects does it link well with?

- Maths
- Engineering
- Technology
- Art
- Science
- Physics

What are the characteristics of students who do well in the subject?

- Organised
- Neat and accurate
- Creative
- Take initiative
- Ask questions to seek understanding

How is it assessed?

Board Drawing Exam - 60%

Student Assignment - 40%

Students will analyse and solve both 2 and 3-dimensional graphical problems.

Completed from September to January of 6th year. Assesses student's knowledge and skills in areas of product design, CAD and freehand sketching

Should someone who has not done Technical Graphics for Junior Cert choose DCG?

It is recommended that you have completed Junior Cert Technical Graphics prior to picking DCG for senior cycle, however students who are willing to work hard, have a strong capacity to solve problems and think spatially will be well able to get up to speed with a bit of extra work. **IF YOU ARE INTERESTED IN SELECTING DCG WITHOUT COMPLETING JUNIOR CERT TG, DISCUSS THIS WITH YOUR DCG TEACHER.**