

## **DEC: DESIGN, ENGINEER, CONSTRUCT! LEVEL 2 COURSE**

### **What are the key features?**

Design Engineer Construct! (DEC!) is an expertly developed course designed to create and inspire the next generation of Built Environment professionals, such as Project Managers, Quantity Surveyors, Architects and Site Managers. DEC! is a professional Level 2 qualification equivalent to the top GCSE grades and offers a new and innovative approach to learning that is both challenging and rewarding.

By working your way through an **online workbook**, students will develop knowledge and skills by undertaking a sustainable building design project. Students gain a variety of experiences through site visits, research, and through creating their own building designs with the aid of visiting industry professionals in school. In this they will complete CAD models using industry software and gaining the relevant knowledge and experience of the built environment in-between.

DEC! applies pure academic subjects to the latest construction industry practices. Students will learn about the built environment not only through lessons but through input from industry professionals, site visits and enrichment trips to the UK (where possible).

### **Key features of the course Assessments**

Two Assessed modules:

1. Non-Examined Assessment (NEA) – students create an online workbook in which they work their way through four Units that reflect the stages of building process. This accounts for 50% of their final grade.
2. Final external examination – that will examine the student's ability to apply the course learning in a formal written exam paper format. This accounts for 50% of their final grade.

### **Which particular skills are required to succeed?**

Have a passion and interest in the built environment are vital to succeed on this course. Students must be committed, self-motivated and well-organised to complete their workbooks thoroughly. Each student must plan and organise their own building development, ensuring they communicate with their client to reach the best outcome possible. Students will need to have a good grasp of both maths and literacy as well as being creative and be prepared to present to external groups as well as their peers.

### **Why study this course?**

DEC offers students the opportunity to develop skills that are essential in the Construction & Built Environment. The result is young people with real-world practical experience and employability skills for this ever changing industry. Thanks to support of industry leaders, professional bodies and progressive universities, DEC! delivers an inspiring programme that is up to date and in demand by the very people who will employ our children. DEC! offers a wide variety of career routes in the Construction & Built Environment ranging from;

- Spatial Design; Architect, Landscape Architect.
- Engineering; Civil Engineer, Structural Engineer.
- Surveying; Land Surveyor, Quantity Surveyor, Building Surveyor
- Management; Project Manager, Construction Manager, Facilities Manager.

### **What equipment is required?**

Normal stationery is required in every lesson.

### **If I have any questions which teacher(s) do I ask?**

Mr Elston ([s.elston@lrs.sch.je](mailto:s.elston@lrs.sch.je)) or Mr Smyth ([e.smyth@lrs.sch.je](mailto:e.smyth@lrs.sch.je))