

Construction Technology is a Leaving Certificate Subject that teaches pupils the science behind all elements of a modern house structure.

Topics include:

- Planning permission
- Foundations
- Walls
- Damp proofing
- Floors & Stairs
- Windows & Doors
- Roofs
- Air-tightness
- U-Values
- Passive housing



This is predominantly a theory subject, with 50% of the marks awarded for the written paper in June of Leaving Cert year.

Further marks are awarded for a three-hour practical exam in April or May of 6th year, 20%.

The final 30% of marks are awarded for a project, which will be carried out in 6th year in a set time period.

In Construction Studies, pupils will opt for either Higher or Ordinary level. This subject is arguably the most relevant to "the real world" where content is strongly related to current building regulations, best practice and changes as regulations change.

It is a very technical subject where pupils will need a high degree of understanding of intricate details, a strong ability to progress project work on their own and to research topics to a detailed degree.

Current on trend topics include passive housing, nZEB builds, renewable heating sources and modern window and glazing structure such as low-E glazing.

This is no longer a basic subject about the how to assemble a house but a complex subject about the science of building.

For further information please view the following powerpoint –
[Construction Tech.pptx](#)