

## Will M.T.W. have anything to do with other subjects?

Yes, M.T.W. will be useful in the study of any of the other three subjects i.e. Technical Graphics, Metalwork and Technology. M.T.W. is also related to some of the topics covered in Science and Art, Craft and Design.

## What career paths are available to me if I choose M.T.W.?

1. Construction Industry
2. Engineering
3. Architecture
4. Environmental Science
5. Energy Related Jobs
6. Design Technology
7. Wood Processing



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## St. Mary's CBS Portlaoise

# Materials Technology Wood (MTW)



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Materials Technology Wood (MTW) is one of the technology subjects offered at junior cycle.

In MTW you will learn to design small projects and the skills required to use tools and equipment to make your designs. You will work mainly with wood but also with other materials. You will learn about wood as a material and how its produced.

### What will I learn in M.T.W.?

Some of the things you will learn include:

1. How to design a given project.
2. How to use the internet to research your project.
3. How to prepare a drawing of your design.
4. How to use the appropriate tools to make your design.
5. How to safely use a range of hand and power tools in producing your design.



### How will M.T.W. be useful to me ?

1. You will know the correct procedures to follow when developing an idea into a finished artefact eg. A piece of furniture or a child's toy.
2. You will also have the skills to make objects from wood and know how to apply finishes to them e.g. paint, varnish, stain or polish.
3. You will be able to identify different trees and recognise their importance to us and their environment.

### What is M.T.W. Junior Cycle exam like?

There are 2 parts to the exam:

1. Course work: you will design a project on a given design. You will make the project and prepare a "Project Folder" to accompany it. 66% of total marks awarded for subject are awarded for this part.
2. A Written Examination: There will be a 2 hour written paper which examines the woodwork theory you will have studied over the 3 year period. 33% of total marks awarded for subject are awarded for written exam.
3. You can take the exam at Higher or Ordinary Level. When the time comes your teacher will advise you.

