

## Junior Cycle Wood Technology

Wood technology is one of the technology subjects offered at junior cycle. In WT 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 it is produced and develop an understanding of sustainable practice.



## Wood Technology Journey

Wood Technology Junior Cycle students can further their skills through Woodcraft in Transition Year and by studying Construction Studies as part of their Leaving Certificate course

Leaving Certificate Applied students can further their skills through Graphics and Construction Studies

Studying Wood Technology has proven to be especially beneficial to students pursuing the following career paths

- Architecture
- Building Construction
- Engineering
- Product/Industrial Design
- Forestry
- Tradespeople
- Conservation and Ecology
- Cabinet Making
- Furniture Design

# St.Tiernans CS

## Wood Technology



## Subject Aims

- Enable students to develop the necessary conceptual understanding, disciplinary skills and subject knowledge to design and create artefacts of value
- Empower students through designing and making, whilst developing an awareness of sustainability and the use of natural resources
- Develop a range of core design skills and relevant manipulation skills through modelling and processing wood and other materials
- Develop the confidence and resilience of students through engagement with the uncertainty of design challenges

## Skills for Life

- Practical use of tools
- Upcycling items
- DIY Tasks
- Appreciation of Sustainability
- Craft Skills
- Safety Skills
- Recognise Tree Species



## What will I be doing in class?

- Examine trees, their leaves and seeds and be able to recognise their varying characteristics
- Investigate how trees affect the environment around us
- Learn to sketch freehand
- Learn how to problem solve and use a design process to design projects
- Develop your craft skills to allow you to make projects
- Prepare a design folder to accompany your project



## Course Structure and Assessment

The Wood Technology course is run over a 3 year period. There are two classroom based assessments, one in 2<sup>nd</sup> year and one in 3<sup>rd</sup> year and a project worth 30% of the students overall grade. A common level 70% exam takes place during the Junior Cycle exams

## Subject Facilities

St. Tiernan's has two dedicated woodwork rooms offering 10 woodworking lathes, box of tools per student and all necessary equipment. The woodwork rooms are up to the latest safety standards.

