

Wood Technology



JCt4 Newsletter - Summer 2022

Junior Cycle for Teachers

Junior Cycle for Teachers exists to **inspire**, **support** and **empower** teachers in the transformation of Junior Cycle education in Ireland.

An tSraith Shóisearach do Mhúinteoirí



National Tree Week Challenge



Tree Council of Ireland

JCt4 in conjunction with the [Tree Council of Ireland](#) marked National Tree Week (20th to 26th March) by challenging schools to create an artefact that promotes biodiversity in their school or locality. Thank you to all the schools that participated. Some examples of artefacts produced by students can be seen below.



Welcome

Welcome to the Summer issue of the JCt4 Wood Technology newsletter. For those of you who are new readers of our newsletter, you are welcome. Previous newsletters can be viewed [here](#). This year, we facilitated **over 1220** Wood Technology teachers from across the country as they engaged with their online cluster CPD. Teachers also engaged with a variety of webinars and elective workshops throughout the course of the year. If you would like to view any of the materials from this year's CPD workshops you can access them [here](#). Our elective material, such as webinars, can also be found [here](#).

Laser Cutting in the Technologies Subjects

Recently, the JCt4 team, in collaboration with ATU Connemara, ran online workshop events that explored effective use of Laser cutters/engravers titled 'Exploring Laser Cutting in the Technologies Subjects'. Throughout the live events, a number of topics were explored with teachers. The images below show just a small sample of some recorded videos which capture the essence of the type of material explored during these events. Click [here](#) or on the images below to access these resources in the Electives section of our website.

Video 1 - CorelDRAW introduction, inserting text and text adjustments, increasing image quality



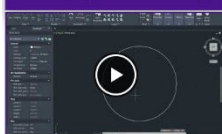
Video 2 - Raster and vector engraving, screen to machine introduction, power and speed settings



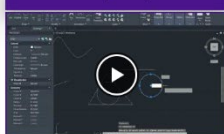
Video 3 - General maintenance and troubleshooting



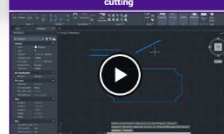
Video 1 - Opening AutoCAD and basic settings



Video 2 - Creating Geometry in AutoCAD



Video 3 - Creating layers within AutoCAD for laser cutting



Video 4 - Importing freehand sketches to AutoCAD



'Get your World Turning' Workshops

In conjunction with Arts in Junior Cycle, we were delighted to run these face to face elective workshops with woodturner Willie Creighton. Teachers attended eight workshops in three locations: Scoil Ruáin, Killenaule, Co. Tipperary; WH Raitt & Sons, Stranorlar, Co. Donegal; and The Carpentry Store, Naas, Co. Kildare. We look forward to scheduling further workshops in the next academic year.



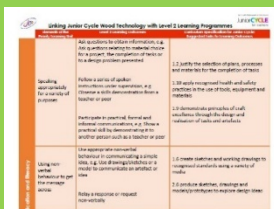
Department of Education Chief Inspector's Report



The [Chief Inspector's Report](#) from the Inspectorate of the Department of Education, covers the period from September 2016 to December 2020. It summarises the key findings from inspection, advisory and research work carried out in a range of education contexts. Of particular interest to Wood Technology teachers, is the data and observations made regarding the Technologies subjects on pages 156 – 158.

L1LP/L2LPs

Ahead of the next academic year, Wood Technology teachers may be interested in exploring the document below, '[Linking Wood Technology and Level 2 Learning Programmes](#)'.



Keep in Touch

Join our mailing list [here](#) to keep up to date with all of the Jct4 news and also follow us on twitter.



'Let's Get Carving'

On 4th April, our Spring Online Learning Event '*Let's Get Carving*' took place. In the event, we explored how the craft of carving can develop the Key Skill of Being Creative. We also had a discussion with practicing teacher, Adrian Finlay, on how he engages his students in the craft. Adrian discussed useful teaching strategies, and processing techniques. The event also showcased video recordings of Adrian demonstrating carving techniques. A recording of the webinar event along with the demonstration videos are available in the Electives section of our website or by clicking [here](#) or on the images below.



Wood Technology in the News!

We are constantly on the lookout for news articles, videos and websites which may be of interest to you and your students. The links below may provide a lead into some interesting learner experiences around the following learning outcomes:

1.9 demonstrate principles of craft excellence through the design and realisation of tasks and artefacts.

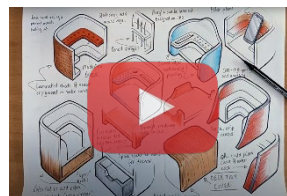
2.6 produce sketches, drawings and models/prototypes to explore design ideas.

3.12 consider the impact on the natural environment when sourcing materials.

Click on the image tiles below to access useful links/videos.



[Intarsia Woodworking.](#)



[Developing Designs.](#)



[What is Deforestation?](#)

Enjoy the Summer!

The Wood Technology team would like to thank all teachers for engaging with our CPD workshops, electives, and support materials throughout the year. We wish you an enjoyable and relaxing Summer holiday and look forward to continuing to work with you in the new academic year.



Gerard Duff
Team Leader



Declan Regan
Advisor



Martin Gallagher
Advisor



Michael Lynch
Advisor

Kind regards

The Jct4 Wood Technology team

