APPLIED TECHNOLOGY

JCt4 Newsletter

Junior Cycle for Teachers

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

Elective Workshops Spring 2022

In Spring of last year, we hosted a number of very successful live events, which explored effective use of laser cutters/engravers in the suite of Technology subjects. A series of recorded videos which capture the essence of the type of material explored during these events can be found by clicking the image above or here.

Keep in touch

Three ways to keep up to date with the JCt4 Applied Technology team are:

Visit our webpage:

www.jct.ie/technologies

Follow us on Twitter:

@JCt4ed

Join our mailing list:

Mailing List

Welcome

Welcome to the Autumn issue of the JCt4 Applied Technology newsletter. On behalf of the team, we hope that you have managed to have a restful and relaxing summer in preparation for the year ahead. In this twelfth issue of our newsletter we would like to begin by extending our congratulations to the students of the Junior Cycle cohort of 2021/2022 who were the first to complete the full new cycle in our subject, and to the teachers who helped them along their journey.
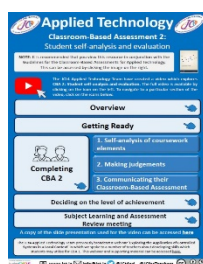
Applied Technology CPD 2022/2023

The JCt4 Applied Technology team are currently finalising the design of our CPD day 2022/2023, and we will begin online delivery of our CPD in November. We would like to thank all the Applied Technology teachers who have engaged with us in the past and look forward to seeing you again soon. In the meantime, there is a range of supports available in the Technologies' section of our website www.jct.ie.

Classroom-Based Assessment 2
Student self-analysis and evaluation

The NCCA have recently released the Revised Arrangements for the Completion of Classroom-Based Assessments for the student cohort 2020 – 2023. This document can be accessed here.

The Applied Technology team have created an interactive resource to support teachers as their students engage with Classroom-Based Assessment: Student self-analysis and evaluation. This resource can be found by clicking on the image or here.
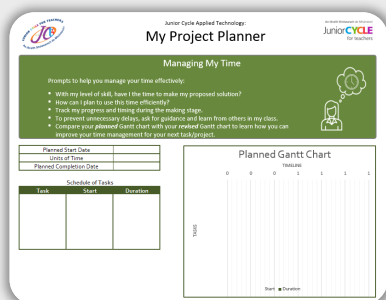
Subject Association Conferences

The TechnoTeachers National Conference will convene on the 14th and 15th of October in Coláiste Chiaráin, Athlone. The ETTA National Conference & AGM will be held on Friday 25th and Saturday 26th of November between the TUS:MMW Limerick Campus and the Greenhills Hotel Limerick.

The JCT Technologies team look forward to seeing you at these events. More information can be accessed by clicking on the respective logos.
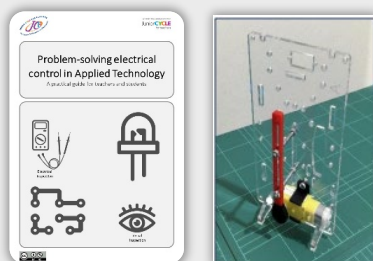
Student Project Planning Resources

Over three years of Junior Cycle, it is important for students to develop the key skill of Managing Myself. This skill is demonstrated when students manage their time, materials, and a budget as they engage with project work. Resources to support both students and teachers can be accessed by clicking the image above or here.

Resources for linking with upcoming CPD day

The Problem-solving in Electrical Control and the Control Prototype Resource that we visited over the last number of years continues to provide support to teachers and students of Applied Technology and can be accessed through the above links or images. They also can be used in conjucntion with this year's CPD activites to enhance the learning experience for all students.

JCt4 Autumn Online Learning Event (OLE)

The Junior Cycle Technologies team will be hosting another Autumn OLE between October 24th and 27th. These events focus on specific areas of interest to teachers across the Technologies subjects and can prove to be a valuable support and resource to both teachers and students.

Previously we have looked at "Exploring teaching and learning at the start of an academic year" and "Exploring how elements of a design journey come to life in Applied Technology". We are currently designing this year's Autumn OLE event and it will be advertised on our mailing list and Twitter over the coming weeks. We hope to see you on the evening of the event.

In the news

A first of its kind 3D printing course has opened in the north-east of Ireland. Louth Meath ETB has developed the course to explore the use of 3D printing using concrete to address the need for affordable homes to be built at a quicker pace.

The technology is already here, however the use of 3D printing in the construction of dwellings is limited compared to countries such as the U.S and the Netherlands.

Website Link: RTE news - 3D Printing Course

The article above can be used as a resource or stimulus to explore emerging technologies and their impact on society. Some possible learning outcomes that students can engage with using this resource include: 1.6, 2.6, 2.7, 2.10, 3.2, 3.3, 3.4, 3.5, 3.8, 3.9.

We hope you have had a fruitful start to the new school year, and we look forward to engaging with you over the coming months.

Kind Regards,
The JCt4 Applied Technology Team