

# 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.

### 2019/2020 PLE

We are in the final stages of design for our 2019/2020 PLE day and will be facilitating these PLE days through November & December. Your school will have been notified already about registering teachers for their Applied Technology Workshop. Please contact your school management for further details

### Keep in touch

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

Visit our webpage:



[www.jct.ie/technologies](http://www.jct.ie/technologies)

Follow us on Twitter



[@JCt4ed](https://twitter.com/JCt4ed)

Join our mailing list



[Mailing list](#)

All materials and resources from our previous PLE days are available on our webpage in the technologies section.

### Welcome

Welcome to the third issue of the JCt4 Applied Technology Newsletter. As we start a new school year, we look forward to meeting you in our PLEs again in the coming months. It is an exciting time as 1<sup>st</sup> year students, across the country, are engaging with the Applied Technology specification for the first time. We look forward to further supporting the implementation of the Applied Technology specification in your classrooms. The Applied Technology Guidelines for Classroom-Based Assessments will feature in upcoming PLE workshops. The specification can be found here: [Junior Cycle Applied Technology Specification](#) and click here for the Applied Technology : [Guidelines for Classroom-Based Assessments](#) or alternatively access them through the NCCA website on the Applied Technology section.



### Professional Learning Experiences (PLEs)

In order to engage fully with the upcoming Applied Technology PLE workshops participants will need to bring a fully charged Wi-Fi enabled laptop with a USB port. This will be required to engage with an applied control activity as part of the workshop. Also if you would like to view any information from last year's PLE you can find that [here](#).

### The Ploughing Championships 2019

The National Ploughing Championships were held in Co. Carlow this year, and the JCt4 team were delighted to provide a stand as part of the Government of Ireland village at the championships. This allowed us to engage with parents and students on the day and provide information about Junior Cycle reform. It also afforded students and adults alike the opportunity to race our DOBOT magician in a tangram exercise.



## Webinar

The Applied Technology team hosted a webinar in April 2019 with a focus on planning for learning. The webinar is available on our [website](#). We hope you find it useful as you engage with the planning process for your current first year students. The unit of learning that was discussed in the webinar focused on an introduction to the principles of basic control systems. It was another great opportunity for teachers from across the country to ask questions and engage with the Applied Technology specification. There will be future Webinars in the coming school year. Follow us on twitter to keep up to date with webinar details.



## STE(A)M

The Jct4 Applied Technology team are delighted to be involved in the JCT STE(A)M initiative. Planning for the elective workshops that will take place in the 2019/20 academic year has begun and we are excited by the range of partners that are involved. The workshops will be practical based and will give Applied Technology teachers opportunities and new perspectives on how to help students engage with learning outcomes. The best way to keep up to date with the STE(A)M initiative is to follow the STE(A)M group on [Twitter](#), email: [steam@jct.ie](mailto:steam@jct.ie) or join the STE(A)M [mailing list](#)

## Applied Technology Case Study

Several schools have been invited to participate in an initiative focused on studying how the new Applied Technology specification comes to life in our classrooms. This study seeks to explore how teachers engage with the key learning within a unit of learning that has been tailored to suit the needs and context of each individual school.

The teachers involved will also meet as a collaborative group to engage in a professional conversation around student learning and their engagement with the Applied Technology specification.

This initiative will provide rich professional learning experiences for the teachers involved. It will also offer valuable insights for Applied Technology teachers in building collaborative practices. Findings from this initiative will be published in due course.

## In the news

In this section of the newsletter we will look at a current news stories that are relevant in the Applied Technology classroom. In this issue we want to bring to light the Sustainable Development Goals 2030. The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation, prosperity, and

peace and justice. The Goals interconnect and in order to leave no one behind, it is important that we achieve each



Goal and target by 2030. With a focus on these goals, teachers may have an opportunity to explore how the Applied Technology learning outcomes can come to life in the classroom. You can find out more information on the development goals [here](#).

Learning outcomes that could be supported by the Sustainable Development Goals are: 1.5, 1.6, 2.5, 2.6, 2.8, 3.3, 3.5, 3.8, 3.9

We are looking forward to seeing you in November and December in education centres across the country,

Kind Regards,

The Applied Technology team

