



# 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.



### 2021/2022 CPD

The Applied Technology team is in the initial stages of design for the 2021/2022 CPD workshop that will be facilitated in the next school year. The team has extracted key themes from the feedback provided by teachers after this year's CPD workshops. The Applied Technology team looks forward to supporting you further as you implement the specification in your classroom.

### 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 previous CPD workshops are available on [www.jct.ie](http://www.jct.ie) in the Technologies section.

### Welcome

Welcome to the eighth issue of the JCT4 Applied Technology Newsletter. As we approach the end of the school year, we all find ourselves in a new normal and we hope this newsletter finds you and your family safe and well. The team is currently engaging in the design of our CPD day 2021/2022 and look forward to hopefully meeting you in the next school year. In the meantime, there is a range of supports available in the [Technologies' section](#) of our website [www.jct.ie](http://www.jct.ie)

### CPD Workshop 2020/2021

We would like to thank all the Applied Technology teachers that engaged with our online CPD workshops. We met 324 teachers from across the country during our online CPD workshops.



All support material used on the day is available under the [CPD Supports Applied Technology – CPD Workshop 2020/2021](#)

### Teaching and Learning Classroom Supports

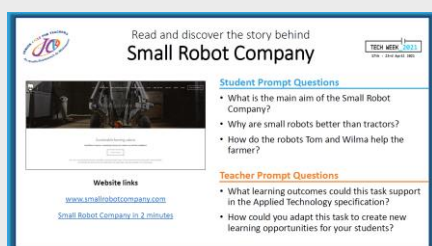
Under the Resources tab for Applied Technology, we have a broad range of activities that outline possible learner experiences which may be suitable to activate key learning across the strands and elements of the Applied Technology specification for students. We have highlighted three of the supports available on our website below:

[My Project Planner](#) is a resource to support students in developing management skills as they engage with project/task work in Applied Technology. This resource supports students as they develop skills in managing time, materials/components and costings.

[Ideation Strategy – SCAMPER](#). This strategy encourages students to explore a range of concept design ideas quickly and without constraints. The strategy provides students with an opportunity to take an initial design idea or a familiar object and work it through a series of seven prompt questions to produce a range of alternative design ideas or concepts.

## Tech Week 2021 – Digital Activities Cards

The Tech Week 2021 digital activities cards, [link found here](#), are a range of activities which were generated by the Jct4 team. The cards have a broad theme of technology in society, with a focus on robotics, material innovation, environmental issues, the role of the designer, the future of space exploration and the advances of AI in the world.



Each digital activities cards includes links to websites, YouTube videos, and articles for students to engage with in the Applied Technology classroom and we have provided students and teacher prompt questions. Each card also includes prompt questions to encourage discussion and critical thinking with students.

## Passion for Design and Making short film series.



Junior Cycle for Teachers in partnership with Design & Crafts Council Ireland have produced a series of videos showcasing 'Passion for Design and Making.' The above film features [product designer Cormac Ó'Conaire](#). Along with this film Arts in Junior Cycle have developed a [teacher guide](#) which includes questions and activities that can be adapted to engage students as they watch this short film.

[Developing research and communication skills using electrical circuits](#). This strategy encourages students to develop research and communication skills in the context of electrical circuits. It encourages students to explore both primary and secondary research methods and to communicate learning and understanding using different mediums.

## Webinar - Exploring Learning Environments in Applied Technology



The Applied Technology team hosted a webinar titled *Exploring Learning Environments in Applied Technology*. During this webinar, two teachers discussed how they have created and use their learning environments to support learning in their school context. A recording of this webinar is available on the [www.jct.ie](http://www.jct.ie) website under the [Applied Technology webinars tab](#).

## In the news

In this section of the newsletter we will look at current news stories that may be relevant in the Applied Technology classroom.

Irish designer, Fiona O'Leary was in the news after she made an appearance on stage during an online Apple Event. Fiona a graduate from Dublin's National College of Art and Design, works as a designer, for Apple at its headquarters in Cupertino, California. Find out more about Fiona's career path and some of her very own product designs on her website [fionaoleary.ie](http://fionaoleary.ie)



Focusing on the design and development of Fiona O'Leary's work as a resource or stimulus, students could engage with possible learning within learning outcomes: 1.5, 1.6, 1.7, 3.3, 3.4, 3.8, 3.9

Finally, the Jct4 Applied Technology team would like to wish you the very best for the rest of the last term. We look forward to supporting you in the next school year and we hope that you have a restful break over the summer holidays.

Kind Regards,

The Jct4 Applied Technology Team.

