

### 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

**JuniorCYCLE**  
for teachers

### Cloud-based CAD Elective

The Jct4 team in partnership with Education Support Centres Ireland (ESCI) ran a series of online elective workshops that provided teachers of the Junior Cycle Technology subjects an opportunity to explore how CAD can be utilised as a teaching and learning tool. The workshop catered for both teachers with little experience and those who wanted to explore more complex features of CAD.

Date	Start	End	Registration Link
Thursday 28 <sup>th</sup> April	7:30 p.m.	8:30 p.m.	<a href="#">Click to register</a>

[Click here to create a free Onshape Education account](#)

Keep an eye on Twitter [@Jct4ed](#) and local Education Centres where further electives may be offered.

## Welcome

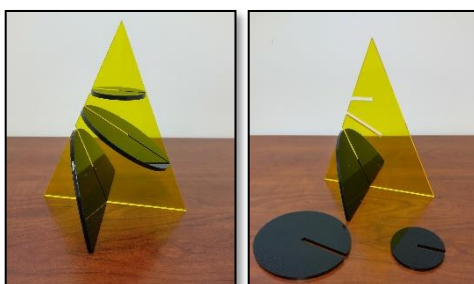
Welcome to the Jct4 Graphics Summer 2022 Newsletter and we hope this newsletter finds you and yours well. For those of you who are new readers to our newsletter, you are very welcome. Previous newsletters can be viewed [here](#). In this issue we outline some recent updates since the Spring 2022 Newsletter.

## Graphics CPD 2021/2022

Since March 7<sup>th</sup>, the Jct4 Graphics team engaged with 1,124 Graphics teachers during cluster CPD 2021/2022. Throughout the day teachers reflected on their experience of the learning journey in Graphics, explored pedagogical approaches to developing spatial reasoning in the classroom, and discussed the role of the SEC components in Graphics. If you missed the CPD day or if you would like to revisit the materials, all the CPD resources used on the day are available by clicking on the images below. Thank you to all the teachers who took the time to attend the workshops and for engaging with colleagues throughout the day.



## Exploring Laser Cutting in the Technologies Subjects

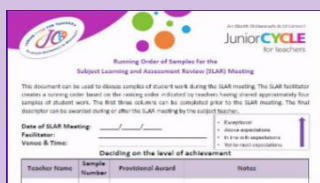


In April and May 2022, Atlantic Technological University (ATU) Connemara and Junior Cycle for Teachers (JCT) collaborated to offer teachers an opportunity to explore the effective use of Laser cutters/engravers in the suite of Technology subjects.

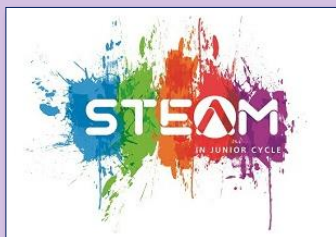
Throughout the live events, a number of topics were explored with teachers. There are a series of recorded videos, which capture the essence of the type of material explored during these events, available for teachers by clicking on the images on the left.

## Subject Learning and Assessment Review (SLAR) Supports

The JCT4 team have developed a number of supports that you may find useful as you engage in a SLAR meeting, as either a teacher or a facilitator. The supports for each of the Technologies subjects can be accessed in the assessment section of our website, for each of the Technologies subjects, or by clicking the image below.



## STE(A)M in Junior Cycle 2021/2022



STE(A)M in Junior Cycle held a number of online events throughout February and March. The events emerged from a partnership between JCT and eleven education outreach partners who are experts in their field. To find out more about any of the partners or to revisit the materials that were designed for the events please click [here](#).

## Keep in Touch

To keep up to date with JCT4 Graphics please join our [mailing list](#) and follow us on Twitter [@JCT4ed](#).



[@JCT4ed](#)



# Royal Institute of the Architects of Ireland (RIAI) Partnership

The JCT4 team were delighted to once again partner with the Royal Institute of the Architects of Ireland (RIAI) for the Junior Cycle Graphics Exhibition 2022. Many thanks to all the students and their teachers who submitted fantastic examples of exploring buildings and objects that show creative and intelligent design. View this years exhibition via Twitter [@JCT4ed](#) and [@RIAIonline](#) or click on the image to the right. To find out more about the work of the RIAI, please visit [www.RIAI.ie](http://www.RIAI.ie).



## National Drawing Day 2022



Every year, the [National Gallery of Ireland](#), together with dozens of museums, galleries, libraries and cultural organisations all over the island of Ireland encourages people to get drawing on National Drawing Day. Follow the hashtag [#NationalDrawingDay](#) on [Twitter](#), for updates and events. To view the list of partners promoting participation in National Drawing Day, including Junior Cycle Graphics, click on the image above.

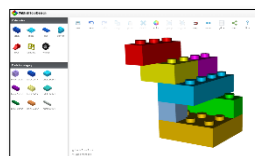
## Graphics in the News!

We are always on the lookout for news articles, videos, websites and other resources which may be of interest to you and your students. The links below may provide a basis for some interesting activities or discussions based on the following learning outcomes:

- 1.8 communicate** the progression of ideas and thinking during the course of an activity using a variety of media.
- 2.1 visualise** the manipulation of 3D objects.
- 3.3 demonstrate** their spatial understanding by modelling and/or simulation.



[Fundamentals of Design](#)



[Block Builder](#)

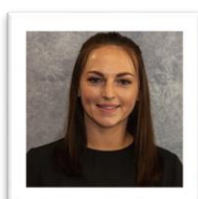


[Flat Pack Pasta - 2D to 3D](#)

Wishing you all a safe and restful Summer break,  
The JCT4 Graphics team



Gerard Duff



Tanya Powell



Ruairí Farrell



John Kilgannon



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