

## Teacher CPD – 21C Teaching & Learning

We want to support teachers in our Trinity Access schools and help them to integrate our three core practices, Leadership in Learning, Pathways to College and Mentoring, into their schools. We have developed a selection of workshops and activities around integrating 21C learning into your everyday teaching, and helping teachers to implement Pathways to College and Mentoring activities with their students. We're delighted to make them available to our leader and network schools. These sessions range from quick introductory activities, shared planning and consultation meetings, and short workshops where we use technology to create and communicate, through to subject specific activities and immersive full-day workshops as part of the Postgraduate Certificate in 21C Teaching and Learning.

If you or your colleagues want to boost your skills in these areas, the PG Cert course is the best way to do that. If you want to arrange something for a group of teachers in your school, we have lots of other options. Many of these activities have been developed and run with Trinity Access schools and other Schools of Distinction. For those who have taken part before, we have new options based around collaborative activity planning and mentoring. We're developing more all the time.

We're keen to hear from teachers about what else we can do to help in this area. Are there pieces of technology you'd like to know more about? Are there project ideas you'd like to discuss? Are there parts of the curriculum you'd like to try teaching in a different way? Do you want to plan something for your TY class? Do you want to run an activity with an incoming first year group?

If you'd like to arrange for one or more of these sessions to run in your school, or to have a chat about planning something else, contact: [claire@ta21.ie](mailto:claire@ta21.ie) or [deirdre@ta21.ie](mailto:deirdre@ta21.ie). There is no cost to Trinity Access schools for these workshops.

If you're interested in the Postgraduate Cert, contact Jane at: [admin21@tcd.ie](mailto:admin21@tcd.ie)

## Postgraduate Certificate in 21C Teaching and Learning

This part-time level 9 course aims to equip teachers with the requisite knowledge, skills and competence to support the development of an innovative learning culture within schools. Teachers complete six of the modules listed here. The course has been very successful in increasing teachers' sense of autonomy and confidence using technology in the classroom, while fostering better relationships with their students. We'd love to have more TA21 teachers involved next year.

For more info, check out the [course flyer](#).

Core Modules	Coding Modules	School Culture / Change
<i>Digital Media Literacy (compulsory module)</i>	<i>Introduction to programming through animation</i>	<i>Leadership and Change Management in Education</i>
<i>21C Problem Solving (Computational Thinking)</i>	<i>Intermediate programming through game design</i>	<i>Inclusive Education: equality, diversity and (dis)advantage</i>
<i>Contextual Mathematics (Project Maths and the Bridge21 model)</i>	<i>Exploring Computer Systems (Raspberry Pi, Arduino and Micro:bit Introduction)</i>	<i>Teacher as Co-Researcher</i>
<i>STEM Pedagogy</i>	<i>Text-based Programming (Python Introduction)</i>	
<i>Information Literacy</i>		

PG Cert cost: Approximately €500

### Cert modules: A-la-carte

Subject to availability, teachers can take any of the modules on the certificate course, on an a-la-carte basis. Information on upcoming modules is shared through our Staffroom mailer, to sign up to our mailer click [here](#) . If there is sufficient demand, we can run these modules in your school too.

# TRINITY ACCESS

## Bridge21 Intro

The Bridge21 pedagogic model involves the following elements:

- Teacher as a Facilitator/Mentor;
- Teamwork; Project-based learning;
- Technology-mediated environment;
- Mastery Goal Orientation;
- Social Learning Environment;
- Learning Space;
- Reflection.

Today, these components are commonly considered essential for learning and Bridge21 uniquely combines them in a structured approach for the creation and delivery of activities that embody these fundamental elements.

This one hour session includes some discussion about 21C Teaching and Learning and the Bridge21 Model. Using some design techniques, teachers will work together to create their first Bridge21 activity plan.

<b>Workshop</b>	<b>Description</b>	<b>Duration (hours)</b>	<b>Teachers</b>	<b>Tech Required</b>	<b>Skills Developed</b>
Bridge21 Intro	Intro to Bridge21 & Collaborative Lesson Design	1	6 - 24	None	Collaborative learning, project-based learning, using technology to enhance learning

## Digital Media Literacy (All subject areas)

These workshops demonstrate the Bridge21 model in action through a series of creative projects using technology. Teachers will work in teams to create digital artefacts and get a chance to think about how each piece of technology could be used in their own teaching. We can use whatever devices are available in the school and it may be possible to use some of ours, if needed. This model is ideal for the facilitation of Junior Cycle CBA and can support teachers in planning and implementation of these projects.

Workshop	Description	Duration (hours)	Teachers	Tech Required	Skills Developed
Team TED Talks	Intro to Bridge21  Project: Teams research & present	2	6 - 24	Internet access Slides/PowerPoint Screen/Projector	Collaborative learning, project-based learning, research skills, communication and presentation skills.
Make a Podcast	Project: Write and record a short podcast	2-3	6 - 24	Internet access Sound recording/editing software e.g. Audacity	Collaborative learning, project-based learning, communication and presentation skills, sound editing.
Intro to Video	Project: Plan, film and edit a short video	2.5-3	6 - 24	Internet access Video software e.g. Windows Movie Maker, iMovie Screen/Projector	Collaborative learning, project-based learning, communication and presentation skills, video editing.

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## Activity planning and support

Teachers will be supported to work together, examine existing plans and curricula and develop Bridge21 activity plans. These sessions can include some discussion about 21C Teaching and Learning and the Bridge21 Model, each session is bespoke to the needs and interests of your school.

Workshop	Description	Duration (hours)	Teachers	Tech Required	Skills Developed
1st Year Transition Planning	Co-creating collaborative activities for new 1st year students	2	4 - 24	n/a	Collaborative learning, project based learning.
Bridge 21 and CBAs	Co-create CBAs for Junior Cycle subject using the Bridge 21 model to enhance your students' engagement with CBA	2	Whole staff or subject departments.	n/a	Collaborative learning, project based learning,
Mentoring	Co-create a bespoke mentoring programme to suit the needs of your school	2	Whole staff or planning group	n/a	Collaboration Planning Reflection Target Setting
College Awareness Week	Co-create a whole school approach to CAW	2	Whole staff or CAW planning group	n/a	Collaboration Planning Reflection Target Setting
Trinity Access supporting DEIS planning	Using TA research and activities to support effective DEIS planning	2	Whole staff or DEIS planning group	n/a	Collaboration Planning Reflection Target Setting
Trinity Access: A whole school approach	An introduction to TA's 3 core practices followed by a collaborative planning activity.	2	Whole staff or TA team	n/a	Collaboration Planning Reflection Target Setting