



Autumn 2019 - ICT Courses

Book Online
<https://www.dwec-courses.com>

Please contact us if you and your colleagues would be interested in running a Whole School ICT course this term! PDST TiE funds education centres to provide access to CPD opportunities which can be tailored to your schools' staff needs and made available in your own school (minimum 10 teachers).

21st Century Problem Solving

This course introduces teachers to the concepts of computational thinking and coding to develop student's problem solving skills. Participants will explore a combination of "offline" and "online" activities that will focus on the development of student's problem solving abilities. Teachers will learn how the methodologies of computational thinking are fundamental to developing the problem-solving skills of reasoning, integrating and connecting and communicating and expressing.

Teachers will use and develop a variety of offline lessons that can be used without any need for computers. The course will also use STEM-focused manipulatives such as Lego and Bee-Bots that can be incorporated into teaching and learning from the infant classroom up to sixth class.

**** Lego Kits and Bee Bots are available to take on loan from the centre**. Contact mdarby@dwec.ie to arrange.**

Facilitator: Colm O'Callaghan **Dates:** Thursday 24th October, 7th November and 14th November 2019
Times: 4:30pm – 6.30pm **Venue:** Dublin West Education Centre **Course Code:** 19AUT623

Introduction to the BBC Micro: bit (New Course!)

This event covers the BBC micro:bit, and is a hands-on course. The micro:bit is essentially a programmable computer. The micro:bit is designed by the BBC for use in computer education in the UK and around the world. The micro:bit aligns very well with primary school curricula, Junior Cycle short course and the new leaving certificate in computer science, especially the Applied Learning Task 4. This session is open to complete beginners, from primary to second level!

Facilitator: Keith Quille **Date:** Wednesday 6th November 2019
Time: 4.30pm – 6.30pm **Course Code:** 19AUT624

An Introduction to Digital Storytelling Film making/Animation

This creative and innovative course for 2019 by PDST TiE will introduce teachers to the skills involved in the filmmaking/animation process as they work towards creating their very own short film and animation. Each module in this course is designed to encompass a hands-on approach to learning and mirrors the process, step by step, that participants can use when undertaking filmmaking and/or animation making in their own classrooms.

Facilitator: Clarissa Bohan
Dates: Wednesday 9th & 16th October 2019
Time: 4.30pm – 6.30pm
Course Code: 19AUT622
Venue: Dublin West Education Centre Course

ICT courses have no fees as they are fully funded by PDST Technology in Education, promoting and supporting the integration of ICT in Education for Teachers. To book a place please log on to www.dwec-courses.com. Please send any enquiries to mdarby@dwec.ie

As places are limited, a "first come" basis applies.

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