APPLIED TECHNOLOGY
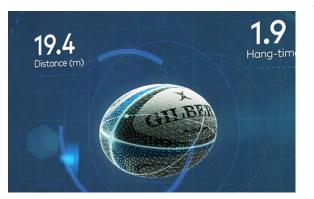
JCt4 Newsletter

Spring 2023 - Issue 13

Spring Elective

Registration for our Spring Elective workshop, **'Exploring how the sensor circuit board can further enhance teaching and learning in Applied Technology',** is now open.

This face-to-face elective will take place in Applied Technology workshops in schools around the country. Details of each elective and their location can be found in the advertisement opposite. Click on the image or the link to access the registration form.

Register Here

Course Overview

This face-to-face workshop is designed to support teachers who are teaching Applied Technology. It aims to enhance their understanding of how the sensor circuit board can be used in conjunction with a relay board. Teachers will also consider planning for effective learning experiences in the context of electro-mechanical sub-systems used in project work.

Date	Venue	Time
21/02/2023	St. Mary's CBS, Enniscorthy, Co. Wexford	5pm - 8pm
21/02/2023	St. Attractas Community School, Tubbercurry, Sligo	5pm - 8pm
28/02/2023	Presentation College, Athenry, Co. Galway	5pm - 8pm
02/03/2023	Scoil Mhuire gan Smál, Blarney, Co. Cork	5pm - 8pm
08/03/2023	Villiers School, North Circular Road, Limerick	5pm - 8pm
09/03/2023	Wesley College, Ballinteer, Dublin	5pm - 8pm
13/03/2023	Coláiste Choilm, Tullamore Co. Offaly	5pm - 8pm
14/03/2023	St. Oliver's Community College, Drogheda, Co Louth	5pm - 8pm
21/03/2023	Castleknock Community College, Diswellstown, Dublin	5pm - 8pm
28/03/2023	St. Joesph's CBS, Fairview, Dublin 3	5pm - 8pm

*Participants are required to bring their sensor circuit board to this workshop to use in conjunction with a relay board.

To register, please click on this image.
Spaces are limited to 20 teachers for each workshop.

... in the News!

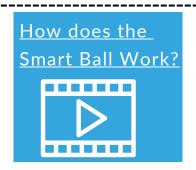### 'Smart' rugby ball used for first time in Six Nations competition

The smart ball tracking technology can capture real time information on: the fastest ball carriers, the longest and fastest passes, spin rate and also hang-time.
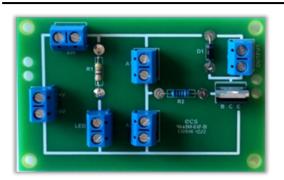Each ball is rechargeable and contains a micro-tracking chip. Using radio frequency technology, the ball communicates up to 20 times per second with 10 beacons placed around the stadium. The data collected from the smart ball gives instant real time ball location, hang-time, ball speed and spin within milliseconds. It can also differentiate the type of kick made.

The article above and the video of how the smart ball works could be used as stimuli to explore emerging technologies and their impact on society.
Some possible Learning Outcomes that students can engage with using this resource include:

1.6 understand the role, impact and potential of existing and emerging technologies

3.8 evaluate the impact of technologies on their lives, society and the environment

How does the Smart Ball Work?

CPD 2022/2023

We would like to thank all the Applied Technology teachers that engaged with our online CPD workshops in January. In total, we met 306 teachers from across the country during our online CPD events.
During the day, teachers engaged with two resources, the Sensor Circuit Board and the Electrical Circuits resource. These resources were developed in response to the needs identified by teachers. Feedback from teachers was hugely positive in relation to these resources.

All support material used on the day is available under:

CPD Supports Applied Technology – CPD Workshop 2022/2023.

Oide

On the 1st of September 2023, a newly integrated support service named Oide will be established. Currently, there are four individual teacher education support services that provide a wide range of ongoing supports to primary, post-primary and special schools, including professional learning events for school leaders and teachers. These are the: Centre for School Leadership (CSL), Junior Cycle for Teachers (JCT), National Induction Programme for Teachers (NIPT), Professional Development Service for Teachers (PDST). You can access the Oide website here and/or follow Oide on twitter.

Oide

Tacú leis an bhFoghlaim Ghairmiúil i measc Ceannairí Scoile agus Múinteoirí

Supporting the Professional Learning of School Leaders and Teachers

info@oide.ie
@oide_ireland

'Our vision is to support the professional learning of school leaders and teachers in Ireland through the development of high quality, innovative and responsive professional learning that enables them to meet the educational needs of all learners in a changing world'

This website is currently under construction in advance of an official launch in 2023. School leaders and teachers can still access all support materials and resources associated with existing services via their different websites.

www.cslireland.ie
www.jct.ie
www.teacherinduction.ie
www.pdst.ie

Keep in Touch!

To keep up to date with JCt4 Applied Technology, please join our mailing list and follow us on Twitter @JCt4ed.

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