

Teacher Seminars

In Association with:



Thursday 14 th January		
14.00	IBM	How to use Free and Open Source Sware (FOSS) to save money and improve student's education
15.00	Irish Medicines Board (IMB)	Recruiting for the Future
Friday 15 th January		
11.00	Science and Technology Teaching and Learning Centre, UCC	Force and coping with pressure
12.00	Institutes of Technology of Ireland	Moodle in Your classroom
14.00	IBM	How to use Free and Open Source Sware (FOSS) to save money and improve student's education
15.00	ISTA	Teaching Forces to Junior Certs Science

Thursday 14^h January

Organisation: IBM

Title: How to use Free and Open Source Software (FOSS) to save money and improve the quality of your students' education

Presented by: Brian O'Donovan & Brendan Murray

Description: Many schools waste money buying expensive licenses for proprietary software because they don't realise that there are plenty of excellent alternatives available for free. In addition many free software packages are Open Source, which means that your students have a chance to examine how the software works and hence improve their overall education. An added bonus is that some of the FOSS software is more stable and easier to secure from virus threats than the proprietary alternatives. This session will provide an introduction to some of the best Free Open Source software and give a demonstration of Ubuntu (a free Windows replacement) and Open Office (a free replacement for Microsoft Office) in action. The talk will also cover the options that are available to get professional support for such software and will talk about how a school could implement a gradual transition from closed proprietary software to the world of free and Open Source software.

Organisation: Irish Medicines Board (IMB)

Title: Recruiting for the Future

Presented by: Dr Cormac Dalton

Description: The Irish Medicines Board's (IMB) role is to protect and enhance public and animal health through the regulation of medicines, medical devices and healthcare products. Before a medicine can be sold in Ireland, it must also be authorised by the IMB. This seminar will inform teachers of the importance of the IMB's role in protecting public health and the part science and technology plays in the development of medicines and medical devices. The presentation also aims to promote science as a possible career option for pupils and students and highlight the various careers associated with medicinal development. The goal of the seminar is to inform teachers that the IMB is looking for today's educators to inspire the next generation of scientists to pursue a career in science and medicine from developing new drugs and drug therapies to assisting in the future regulation of medicinal products.

Friday 15th January

Organisation: Science and Technology Teaching and Learning Centre, University College Cork

Title: Force and coping with pressure

Presented by: Noel Brett

Description: Force is one of the fundamental concepts of physics and teachers are continually searching for methods that give real meaning to this abstract concept. Force is intrinsically linked with Newton's laws of motion and these laws are used to explain all manner of everyday phenomena. Sensor technology involving force and pressure sensors will be utilised in this presentation to address some of the conceptual difficulties that students may encounter at Junior and Senior Cycle levels

Organisation: Institutes of Technology of Ireland

Title: Moodle in Your classroom

Presented by: Dr Mark Glyn

Description: Continuous assessment is a proven technique when it comes to improving student learning in education. Nevertheless improving the student experience and improving the teacher experience do not always go hand in hand. Continuous assessment can dramatically increase the workload for the teacher. Furthermore, to increase the effectiveness of any assessment, appropriate feedback should be given in a timely fashion; again overloading the teacher. This talk will outline how the simple use of free technologies can be used to improve teaching and learning within the classroom.

Organisation: IBM

Title: How to use Free and Open Source Software (FOSS) to save money and improve the quality of your students' education

Presented by: Brian O'Donovan & Brendan Murray

Description: Many schools waste money buying expensive licenses for proprietary software because they don't realise that there are plenty of excellent alternatives available for free. In addition many free software packages are Open Source, which means that your students have a chance to examine how the software works and hence improve their overall education. An added bonus is that some of the FOSS software is more stable and easier to secure from virus threats than the proprietary alternatives. This session will provide an introduction to some of the best Free Open Source software and give a demonstration of Ubuntu (a free Windows replacement) and Open Office (a free replacement for Microsoft Office) in action. The talk will also cover the options that are available to get professional support for such software and will talk about how a school could implement a gradual transition from closed proprietary software to the world of free and Open Source software.

Organisation: ISTA

Title: Teaching Forces to Junior Certs Science

Presented by: Rory Geoghegan