ECAWA 2009 State Conference

Thursday 16ᵗʰ and Friday 17ᵗʰ July at Canning College, Bentley

For Primary and Middle School Teachers

Some of the presentations for Primary and Middle School Teachers in the Concurrent Programme incude:

Paul Fuller
Teacher, Orange Grove Primary School

Create a Game in 60 minutes: Scratch for Absolute Beginners

Scratch is the world's easiest programming language. Created by the 'Lifelong Kindergarten' group at MIT, Scratch follows in the tradition of Logo and Lego Mindstorms by creating a free tool for students to learn 21st century skills: creativity, collaboration, computation and mathematics.

In this hands-on session, participants will learn how Scratch can be used to teach students mathematical concepts in a context they love: game creation.

A 'hands on workshop'

Intended audience: Primary, Middle School,

Paul Fuller
Teacher, Orange Grove Primary School

Web 2.0 Tools; Using Blogs and Wikis

There is a huge amount of buzz at the moment about 'blogs' and 'wikis'. But what are they? And how might they be useful?

In this beginners session, you will discover how students, teachers and, yes, even administrators can create, communicate and collaborate using blogs and wikis.

Try for yourself and discover how easy and important it is for you and your students or your colleagues to collaborate using these 21st century tools

A 'hands on workshop'

Intended audience: All: Primary, Secondary, Middle School, Upper Secondary, Other

Jenny Jongste
Curriculum Consultant (ICT), Catholic Education Office

How to Engage Students in Science by using ICT

Science is a subject filled with facts and content. Research indicates that engaging children in science through the use of appropriate multimedia has significant impact on results. Improved retention and application of content can be directly related to the effective use of Interactive Whiteboards, video, podcasts and other forms of ICT. During this session you will be provided with various examples of how to effectively engage and stimulate interest in Science through a variety of practical ICT solutions.

Intended audience: Primary, Middle School

Dr. Jenny Lane
Senior Lecturer, School of Education, Edith Cowan University

Engaging students of all ages in creating online exportable e-portfolios

Intended audience: Primary, Secondary, Middle School, Upper Secondary

Moira Curtain
ICT Teacher, St Emilie's Catholic Primary School, Canning Vale

Podcasting in the Classroom
Using Audacity on a Windows PC

A 'hands on workshop'

Intended audience: Particularly for Primary, Middle School but will be of interest to anyone wanting to see how easy it is to use Audacity to create audio files.

Jeremy Hurst
Business Development Manager, Winthrop Australia

Podcasting: Resources and Production

What are podcasts and why are we hearing so much about them?

This presentation defines what podcasting is and shows how to locate useful podcasting resources that you can use in your classroom immediately and at no cost.

Most importantly, we then explore how and why you would get your own students to create their own podcasts.

This presentation is relevant to any educator and will show you a wonderful example of the abundance of information available to us. The trick is knowing where to look!

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Tomaz Lasic
Teacher, Belmont City College

Is Twitter the dumbest thing ever?

A brief introduction to Twitter for teachers and the ways it could help you and your colleagues (no, it's not all about what you had for breakfast). A free handbook included!

A 'hands on workshop'

Intended audience: All: Primary, Secondary, Middle School, Upper Secondary, Other

Rebecca Watkins
Consultant, AV Media Systems

Interactive Whiteboards: The What, Why and How

This presentation is designed to give clear and uncomplicated information on Interactive Whiteboards, offering a look at the impact, effectiveness, potential, scope and management of the technology.

Participants are given opportunities for hands on learning as well as time to discover answers to questions they have on integrating Interactive Whiteboards into their school, including everything from planning and preparation to support and training

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Vic Gecas
ECAWA Educator of the Year 2008

Zen and the Art of Illustrator

Illustrator is the number one drawing program, and with this workshop hopefully you'll soon start to understand why. With a little know-how and a few clicks of your mouse, you can learn to draw nearly anything your mind can imagine!

The first time you run Illustrator, you'll probably think that Adobe Intimidator would be a more appropriate name. While it's true this application has many different tools, panels, customizable options, and special features that you will need to understand to get the most out of it, Adobe does a great job of creating tools and panels that have repeating functionality, making it easy for you to learn the program quickly and intuitively.

Don't be fooled by Illustrator's vastness, however, because you will find a unique, consistent logic underlying it all. After you master a few basics, all the rest falls nicely into place.

A 'hands on workshop'

Intended audience: Beginners welcome. Primary, Secondary, Middle School, Upper Secondary, Other

Stephen O'Neil
Computing Teacher, Belridge Senior High School

Sound and Video Fundamentals

Recent increases in personal computer performance and decreases in prices have lead to a rapid uptake in the use of sound and video use.

In this presentation you will learn some of the fundamentals of digital sound and video editing and see demonstrations of a variety of software that can be used for everything from mixing music to producing DVDs.
Intended audience: Beginners welcome. Primary, Secondary, Middle School, Upper Secondary, Other

Stephen O'Neil
Computing Teacher, Belridge Senior High School

Modern Website Editing with Dreamweaver

Adobe Dreamweaver has deservedly become one of the leading applications for creating and editing websites due to its suitability for both beginners and advanced users.

In this session participants will learn some techniques that can be used in the creation of websites using advanced features such as CSS and behaviours. It is recommended that participants have a basic understanding of websites and Dreamweaver though beginners are welcome also

A 'hands on workshop'

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Anthony Peck
Teacher, Aquinas College

Mixing ideas to make a new path

Most of us have a USB thumbdrive or three lying around, perhaps dangling right now on the end of our keychain. But are we using them to their maximum potential?

This presentation is about a USB thumbdrive that has four modes of operation.

Firstly, it just dumbly stores data like all other thumbdrives. Secondly, it carries a swag of OSS titles that give more flexibility and compatibility when moving from computer to computer. Thirdly, it is bootable and carries an entire operating system on it for more stability and security. Lastly, there is a deeply encrypted vault which can carry important information.

All of this is on a 2Gb USB thumbdrive with more than 1.1Gb still available for data storage! How could this be possible, and what could it mean for the way that you and your students work?

OSS and fast, cheap thumbdrives converge to create a new vehicle for learning in our schools.

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Roger Sor

Two for the Price of One: EXCEL and Financial Literacy - some ideas for middle school

We often hear on the news that people have suffered because they undertake financial obligations without realizing the possible consequences. The Federal Government became so concerned about that this problem that they funded research and development activities to address this issue.

One conclusion reached by researchers is that financial literacy should be integrated into the school curriculum at all levels and presented in the normal course of teaching Mathematics, Science, English, Civics and Citizenship and ICT. Importantly, the researchers claimed "These areas of study do not create new layers of work".

This presentation shows how, with a judicious choice of material students can be taught the secrets and intricacies of EXCEL while at the same time gaining experience in money matters

Intended audience: Middle School

Roger Sor

Integrating ICT, Mathematics and Financial Literacy – some ideas for Middle and upper School

We often hear on the news that people have suffered because they undertake financial obligations without realizing the possible consequences. The Federal Government became so concerned about the problem that they funded research and development activities to address this issue.

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This presentation shows how, by choosing appropriate examples, students can experience the interplay of the three areas

Intended audience: Middle School, Upper Secondary

Jane Lowe
Teacher, Oberthur Primary School

Online Collaborative Projects

There are many projects available to connect your students with other students around the world and give them the opportunity to ask questions and get answers in real or almost real time. I will give an overview of some of the projects my class has been involved in and show teachers where they can look for their own projects.

Intended audience: Primary

Paul Newhouse
Associate Professor, Director of the Centre for Schooling and Learning Technologies, ECU

Using digital technologies to represent and assess student performance

This presentation reports on the first year of a study that has investigated the use of a range of digital technologies to represent and mark student work in Physical Education, Languages, Design and Technology, and Computing. During the study a number of technologies have been used including: audio and video recording, publishing and relational databases.

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Brett Clarke
Founder and Director, yearn2learn.org – a division of ExternalEyes

Vive la Revolution!!
Putting the Revolution into Rudd's Digital Education initiatives

The RUDD government Digital Education Revolution (DER) aims to REVOLUTIONISE education for the 21st century. As the greatest funding source for schools' technology to date, this presentation provides educational leaders, teachers and technologists with ideas and strategies for planning to maximize this opportunity to REVOLUTIONISE Learning in their institution.
Vive la Revolution!! Come along and be prepared to challenge and be challenged.

Intended audience: Secondary, Middle School, Upper Secondary, Other

Rosie MacAlpine
IWB teaching and Learning Advisor, Concept AV

Using Google Earth in the primary classroom

Google Earth is a wonderfully engaging tool for the primary classroom which can be used in maths, science, SOSE and literacy lessons. Come and learn how to use the tools of Google Earth and find fascinating online resources to explore the world in a whole new way.

A 'hands on workshop'

Intended audience: Primary

Chris Marley
Advisor, ClickView Pty Ltd

ClickView

Intended audience: Primary, Secondary, Middle School, Upper Secondary, Other

Louise Cimetta
Assistant Principal, St Bernadette's Catholic Primary School, Port Kennedy

A Pedagogical Toolkit for Interactive Whiteboards

In recent times interactive whiteboards (IWB's) have become a 'disruptive technology' in our classrooms, challenging and changing the way we teach. While there is no doubt that IWB's can increase the motivation and engagement of students, researchers are raising concerns about their effectiveness in enhancing student learning. Findings indicate that many teachers do not move from the initial 'manipulative' stage of learning how to use the software towards the stage of developing tasks that promote student learning without outside support.

How do we move beyond the 'bells & whistles' approach to use this expensive piece of technology in a way that effectively supports student learning? This presentation explores a kit of seven pedagogical tools that can enhance your use of interactive whiteboards in the classroom.

Intended audience*:* Primary

Mark Stephens
Training Manager (PLC)

with

Ben Beaton
Head of ILT (Scotch College)

Starting a 1:1 Laptop Program in years 4, 5 & 6:
First Hand Experience with Virtual Classrooms

So, when a swine flu quarantine renders your school a ghost town, can laptop / virtual classroom technologies come to the rescue? Come along and find out.

Intended audience: Primary, Secondary, Middle School, Upper Secondary

Sallianne Griffith
Teacher, Overnewton Anglican Community College, Taylor's Lakes Campus, VIC

KidZanimation

Using the PowerPoint program, students in the Early Years Classrooms create their own clip art and use these to produce animated cartoons, sometimes with dialogue and sound effects. This project is especially valuable for visual learners and reluctant writers.
You will be amazed by the animations you will see, which have been created by students from Year One to Year Four. In this workshop participants will create their own.
The session assumes a simple knowledge of PowerPoint (but it is not essential).

A 'hands on workshop'

Intended audience: Teachers at all levels of ICT experience especially those wanting to make creative use of the PowerPoint program with their Junior Primary School students

Belinda Lux
Lecturer and Graphic Designer, SAE

Principles and Elements of Design

Intended audience: Teachers of Applied Information Technology; anyone with an interest in design

Belinda Lux
Lecturer and Graphic Designer, SAE

Using Adobe Photoshop CS4
Introduction

A 'hands on workshop'

Intended audience: This hands on workshop will best suit those who have at little previous experience of Photoshop.

Belinda Lux
Lecturer and Graphic Designer, SAE

More Adobe Photoshop CS4

A 'hands on workshop'

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Belinda Lux
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Robin Hutton:
Teacher and Network Manager, Warwick Senior High School

Flickr as a Tool
Use Flickr as a tool in your classroom and in your professional groups

This presentation is an introduction to **Flickr** that will examine this photo sharing web site and show how teachers can use it in the classroom through both the primary and secondary years.

Robin's key focus is "using technology as a tool, not a toy" in the classroom. The **Flickr** experience is one that schools can use as an introduction to the way that the web can become an integral part of the students learning journey and enable them to share their ideas and images with a wider community.

To see what can be done go to http://www.flickr.com/people/robinhutton/ where Robin has his **Flickr** site. Alternatively, just ***Google*** "Robin Hutton" and Robin's **Flickr** site will usually be the first site on the list.

A 'hands on workshop'

Intended audience: All: Primary, Secondary, Middle School, Upper Secondary, Other

Paul Reid

Techniques for employing Web2.0 tools to automate your content publishing
Business Development Manager, Winthrop Australia

Be it for your personal blog, school website, professional association, this session aims to provide a few ways to share your digital lifestream efficiently and effectively.

Intended audience: All: Primary, Secondary, Middle School, Upper Secondary, Other

Paul Reid
Business Development Manager, Winthrop Australia

Why parent-funded 1-1 notebook programmes will be the norm in a few years!

There is a paradigm shift in the way technology is being made available in schools. How these programmes are initiated; taking in key stakeholder support, community engagement, teacher readiness, finance, deployment, backup and all the bits in between.

Eduspeak warning - "personalized learning opportunities" will be mentioned frequently.

Intended audience: All: Primary, Secondary, Middle School, Upper Secondary, Other