

# ICT Supporting Teaching & Learning

A week-long series of **9 Powerful Workshops!** Whether you are new to ICT or have been using ICT for teaching and learning in your school, these **highly hands-on workshops** are designed to be relevant and beneficial for all!

**All workshops will include hands-on practice!**  
**Participants need not have sound IT knowledge as long as they are comfortable emailing and using a web browser**



**15 March 2010**

## **1. Advanced Internet Applications designed to save Time (9am to 12.15pm) (for teachers already using ICT)**

Do your Students already have Blogs, Podcasts, Wikis, Websites and other online resources which require you to spend great amounts of time online checking their work? One of the tools to help with this task is **RSS (Really Simple Syndication)**. In this workshop, we will clarify what this is and also share with you on how to set up an RSS aggregator so that the work from the Blogs of all of your students can be seen clearly in one webpage.

We will also look further at what an online **"Personal Learning Network" (PLN)** is and how it might be visualised and quantified to save you even more time managing your own professional development.

## **2. A Social Network for your Class (1.45pm to 5pm)**

In this session, you will create a website (social network) for your own class that allows you and your students to communicate, share resources, videos and other digital media, all in a controlled environment. (could also be used for other groups like CCA, Sports Clubs, Teachers' sharing circle or even your own family).

We will look briefly at some of the established online social networks designed for both young and older students (5-18) and see how they may be of use to you and your students.

We will end the session exploring the future with 3D online virtual worlds, such as Second Life, that are certain to become an important tool in teaching and learning in future years.

**16 Mar 2010**

## **3. Beyond Powerpoint (9am to 5pm)**

Bored using PowerPoint as the main tool for producing presentations? We will look at some of the alternatives for spicing up your presentations and making them more exciting, not only using software but also web 2.0 online applications. The alternatives chosen are mainly free, can be learnt in just a few minutes by teachers with very little experience and make use of the slides you have already produced in your old PowerPoints.

We will also look at ways in which students can build and share their presentations collaboratively. In addition, you will be shown where to find free (legal) resources for presentations (images, videos and sound files) and clarify how to copyright your own resources.

Please note that this is **NOT** a workshop about PowerPoint although we will be spending time at the beginning covering some of the mistakes students make when presenting and also ensuring we all have at least the basic skills of reducing file sizes and exporting slides.

*NOTE: Please bring a simple PowerPoint presentation consisting of about 6 slides with you to this session.*

**17 Mar 2010**

## **4. Blogs (9am to 12.15pm)**

Learn how blogs can be used in teaching and learning. You will create one for yourself in real time. We will also look at how to embed images, sound, video and PowerPoints into a Blog. The workshop will also explore Micro Blogging on Twitter, which is growing in popularity.

**Note:** You will need a Google gmail account for this workshop. If you do not have one, please go to <http://mail.google.com/mail/signup> to sign up one before the workshop. There is no need for you to use the account. Just remember your username and password.

If you have time before the workshop, then have a browse around <http://www.shambles.net/web2#blog> and <http://bloggingvideos.blogspot.com>

## **5. Videos in Classroom (1.45pm to 5pm)**

Video as digital media is now highly accessible on the internet and is becoming an even more important multimedia resource to use with your students.

We will cover 'where to find videos', and what to do with them once found. We will also look at some of the production and editing tools, especially those that can be used in a web browser. Other video-related topics covered will be screencasting, streaming video and embedding video into blogs and other webpages.

We will be joined online by a teacher from Shanghai who uses video with his students and provides training to colleagues on how to use video in classrooms. I will be asking him to share his experiences with the participants.

18 Mar 2010 (Please note that there will be some overlap with the generic web 2.0 applications shown in workshop 6 & 7)

## 6. Technology supporting Mathematics Teaching and Learning (9am to 12.15pm)

This workshop is specifically designed for Mathematics teachers of students age 7 to 18. We will cover several generic web 2.0 applications that are designed to help you find Maths resources and share those resources with other Maths teachers and your students. We will look at some Maths specific websites and applications with time being allocated for you to try some of these 'hands-on'. We will be joined online by a USA Maths educator who has a specific expertise in "MathsCasting" with students and he will explain and demonstrate how this is done.

With this subject-specific workshop, it is also hoped that participants will share their own experiences of using technology to support the teaching of Mathematics. If you have time before the workshop then have a browse around <http://www.shambles.net/mathematics>

## 7. Technology supporting Science Teaching and Learning (1.45pm to 5pm)

This workshop is specifically designed for Science teachers of students age 7 to 18. We will cover several generic web 2.0 applications that are designed to help you find Science resources and share those resources with other Science teachers and your students. We will look at several Science specific websites and applications with time being allocated for you to try some of these 'hands-on'.

With this subject-specific workshop it is also hoped that participants will share their own experiences of using technology to support the teaching of Science. If you have time before the workshop then have a browse around

<http://www.shambles.net/science>



19 Mar 2010

## 8. Podcasts (9am to 12.15pm)

Podcasts are audio (sometimes video) recordings that are put on the internet (subscribed to) and have the potential to be brilliant resources to use with students and by students of all ages. We will go through the whole process of making an audio recording, editing and then putting the file on a website so it can be listened to (and subscribed to) by anyone in the world with an internet connection. We will also share with you free applications and websites from the internet for making podcasts and briefly cover subscribing to Podcasts using RSS aggregator.

If you have time before the workshop, then have a listen to some of the Podcasts we made in earlier workshops in Singapore which are really fun to listen to... <http://shambles.podbean.com>

## 9. Google Extended (1.45pm to 5pm)

It's highly likely that you are already familiar with the Google search engine ([www.google.com](http://www.google.com)).

In this session, we will take a closer look at some of the not so well known search functions in Google and some of the strategies that could make you and your students better searchers (researchers). We will also cover some of the other Google applications that are available to educators.

In particular, we will look at **Google Docs** which allows you (your students) to set up free collaborative Word documents and Spreadsheets online. In addition, you will be shown places to find free (legal) resources for students to use (images, videos and sound files) and how to copyright your own resources.

### ABOUT THE SPEAKER:

**Mr Chris Smith** has been working with International School teachers in S.E.Asia for 28 years. He was the ICT Advisor for English School Foundation (ESF) in HK where he was responsible for writing, monitoring and evaluating the Foundations overall ICT Development Plan. In 2002 he established a consultancy "The Education Project Asia" to extend these support opportunities to other International Schools across 17 countries in S.E.Asia focused on the "Integration of ICT in Teaching and Learning". Recently, he has been working as the evaluator of a UNESCO project (SchoolNet) which involved schools from eight ASEAN countries.

**ABOUT THE ORGANISER:** **Synergyst** is a training consultancy that provides a wide range of services, including workshops, enrichment programmes, exciting science and maths shows, educational trips to Thailand, China and Vietnam and designing of science corners or exhibition.



Please register me for the below workshops for "ICT Supporting Teaching & Learning", 15-19 March 2010

**Rates:** **Half-day workshop:** •Normal - \$95nett •Group (3 or more from same school) - \$85nett •Past Participant - \$70nett  
**Full-day workshop:** •Normal - \$160nett •Group (3 or more from same school) - \$150nett •Past Participant - \$135nett  
**+Special Rates:** **Half-day workshop:** •Normal - \$70nett •Past Participant - \$65nett\*  
**Full-day workshop:** •Normal - \$135nett •Past Participant - \$130nett\*  
 +Special rates only applicable to same person signing for **3 or more workshops** in same run

Institution \_\_\_\_\_ Tel \_\_\_\_\_ Fax \_\_\_\_\_  
 Address \_\_\_\_\_ S( \_\_\_\_\_ )

**Pls indicate (P)-Normal participant or (PP)-Past participant next to name**

**Pls Circle Workshop/s (W)**

Name _____	Job Title _____	HP _____	Email _____	1	2	3	4	5	6	7	8	9
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Payment by  IFAAS  Institution Cheque  Personal Cheque. cheque no. \_\_\_\_\_

For registration, please fax, mail or email your particulars to and make your cheque payment payable to **Synergyst Pte Ltd**, 10 Tampines Road Singapore 535065. Upon receipt of registration, any request for cancellation will be charged a 30% admin fee and must be made in writing, no later than 7 working days before the event. In the event of cancellation less than 7 working days or if participant fails to attend, the participant is liable for the full fee. Synergyst reserves the right to amend, postpone or cancel the event due to unforeseen circumstances. \*Past Pax of any Synergyst's ICT workshops  
 (Co Reg: 200303846K) (WEB)

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