



SAGT Conference – 27th October 2007 **(The Edinburgh Academy, Edinburgh)**



Seminar 8

Join the Online Revolution

Rob Chambers

Teacher of Geography
St Ivo School Geography Department
(St Ives, Cambridgeshire)
rchambers.cgz@e2bn.net

www.geobytes.org.uk
www.igeog.wordpress.com



ONLINE ELECTRONIC HANDOUT

Detailed materials supporting this seminar have been produced in the form of an electronic handout with direct links to relevant sites, information and downloadable resources which can be accessed at www.igeog.wordpress.com

There are a number of downloadable resources which support this seminar, including:

- tips on setting up a department website
- virtual learning environment case study
- guides on how to set up Wordpress and Blogger blogs

There are also many links to sites discussed within the seminar and to help you follow up ideas for using the online technologies discussed.

A full copy of the powerpoint presentation can also be found at
<http://www.slideshare.net/RCha/sagt07-join-online-revolution>

(In the future all resources will be archived at <http://igeog.wordpress.com/ict-trainingst-ivo/join-the-online-revolution-sagt-2007/>)






The aim of this seminar is to consider the central role a departmental website can play in supporting effective teaching and learning of geography in the form of a wider portal, integrating a VLE as well as blogs for the provision of online teaching and learning resources. The focus of the seminar will look at a case study of how St Ivo School's Geography Department website has been used to support both staff and students with the aim to give ideas and inspiration for others. Hopefully this will give some ideas to those of you who haven't already got a web presence for your department or would like to develop it further. Unfortunately in the space of an hour it is not possible to also provide detailed consideration of the key issues related to actually setting up, developing and maintain a department website or how to set up blogs, wikis etc. which is the vital next stage if you are to be able to put ideas into practice. The links on this handout and within the electronic handout (www.igeog.wordpress.com) will hopefully help to bridge the gap by providing an overview of considerations required in setting up a department website, as well as a bank of resources to get you started! Hopefully there is something new here for everyone, regardless of the stage you are at in your web development!

Please feel free to e-mail with any questions that you have following the seminar.
rchambers.cgz@eb2n.net

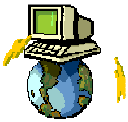
GETTING STARTED

There are lots of fantastic resources available for supporting people in developing both school and department websites. To get you started here are 3 suggestions for sites and resources to start by looking at..

- **ICT in Education – ICT Advice Web Design** – pages from LT Scotland – include Introduction; Planning; Internet Safety; Producing; Publishing and Promoting

<http://www.ltscotland.org.uk/ictineducation/ictadvice/creatingandmanagingaschoolwebsite/index.asp>
- **Scottish Schools Get Online Project** (a project led by LT Scotland – recognising how school websites can improve communication across the school community) – the aim of Scottish Schools get Online is “to support schools across Scotland in developing high quality websites which offer appropriate information for „parents and others”” <http://www.scottishschoolsgetonline.org.uk/> This includes some very useful resources such as:
 - Creating and Managing a School Website (.pdf download)
<http://www.scottishschoolsgetonline.org.uk/images/SSGetOnline.pdf>
 - Podcasting (.pdf download)
http://www.scottishschoolsgetonline.org.uk/images/How_to_Podcast.pdf
 - Making Websites Work (.pdf download)
http://www.scottishschoolsgetonline.org.uk/images/Becta_guidelines.pdf
- **Geography Association Project: A Department Website: Making the most of your Geography Department website**
<http://www.geography.org.uk/projects/adepartmentwebsite> A GA based project focused on making the most of department websites – details of the projects can be found here
<http://www.geography.org.uk/projects/adepartmentwebsite/projectreports/> Some resources based on the Project for “Getting Started with a Department Website” can be found here – an excellent powerpoint and key questions for consideration
<http://www.geography.org.uk/projects/adepartmentwebsite/gettingstarted/>

- **“TANTALISING TEN” – Ten things to consider in developing your own department website** (downloadable from <http://www.igeog.wordpress.com> (see websites section on SAGT post)

FOLLOW UP LINKS

(these are all available online at www.igeog.wordpress.com as direct links)



WEBSITE DESIGN / LINKS

General Websites related to web design:

- Creating Websites http://www.reviseict.co.uk/ks3/8.2/website_creation.shtml
- Effective ICT <http://www.effectiveict.co.uk/>
- Creating a School Website – Kent NGFL – <http://www.kented.org.uk/ngfl/ict/webpub/index.htm> - includes further useful links – e.g.
- The Sky's the limit: Creating A School Website (Teachernet) <http://www.teachernet.gov.uk/teachingandlearning/library/ICT/creatingawebsite/>
- Open Source Web Design <http://www.oswd.org/>
- Open Web Design – a group of designers and site owners sharing free web design templates and web design information <http://www.openwebdesign.org/>

Getting help with the web design process:

There are a number of useful online forums which provide help and ideas for those involved in web design and development at all levels of experience:

- Effective ICT Forums <http://www.effectiveict.co.uk/forum/>
- Web Design Forum (PC Advisor) <http://www.pcadvisor.co.uk/forums/index.cfm?action=showforum&forumid=13> – an excellent place for seeking help and advice. A regularly used forum and a good source of ideas – well worth adding to favourites!

Web Publishing Software

Microsoft Frontpage and Macromedia Dreamweaver whilst not the only options are two of the leading software options. There are various comparisons available between the two products:

- FAQ - Dreamweaver or Front Page? <http://p3t3.soe.purdue.edu/faqdream.htm>
- Dreamweaver 8 or Frontpage? <http://www.lowest-price-web-hosting.com/articles/Dreamweaver-FrontPage.shtml>

Software Details:

Microsoft Front Page

- <http://office.microsoft.com/en-gb/FX010858021033.aspx>
- <http://office.microsoft.com/en-us/assistance/CH790018031033.aspx>
- Frontpage in the Classroom <http://www.actden.com/fp/>

Macromedia Dreamweaver

- <http://www.adobe.com/products/dreamweaver/>
- Learn the Basics of Dreamweaver <http://www.effectiveict.co.uk/training/dreamweaver/index.shtml> (effectiveict.co.uk)
- Macromedia Studio 8 <http://webdesign.about.com/od/dreamweaver/a/aa080805.htm>

Macromedia Flash and Macromedia Fireworks – great additions for web development for image and graphic manipulation / creation and the development of dynamic content such as animations

- Fireworks: <http://www.adobe.com/products/fireworks/>
- Flash: <http://store1.adobe.com/products/flash/flashpro/>

Free Web Design Software

- WebPlus6 – Free website design and publishing software – includes downloadable tutorials. <http://www.freerisefoftware.com/software/WebPlus/default.asp>
- A list of free HTML Editors, Web Editors, and WYSIWYG Web Editors and Site Builders <http://www.thefreecountry.com/webmaster/html editors.shtml>

Useful Resources / Links for use in Web Design:

Images / Sound

- Free Clip Art, Photos and Multimedia content for Webmasters <http://www.cliphoto.com/index0.htm>
- BigFoto – free photographs for downloading <http://www.bigfoto.com/> - these can be used for non-commercial projects however a link needs to be made back to the site – also they can not be uploaded to a website for the purposes of offering them for download (i.e. they couldn't be added to an image gallery) – see the copyright / FAQ pages for further details <http://www.bigfoto.com/copyright.htm>
- The Wizard of Draws – free cartoons for use on personal webpages – free to use for non-commercial use <http://www.wizardofdraws.com/> (a credit back to the designer and link to site required – see conditions of use)
- Awesome Clip Art for Educators <http://www.awesomeclipartforeducators.com/>
- Pics4Learning <http://www.pics4learning.com/>
- YotoPhoto – search engine for finding free to use photographs and images (make sure you read individual conditions of use) <http://yotophoto.com/>
- Free Images to use on Websites / printed materials (again read the conditions of use) <http://www.freeimages.co.uk/>



Creating Slideshows

Many software programmes will have their own tools for producing slideshows – but here are some other possible resources:

- Slideshow Wizard – for creating an html slide show for your webpage <http://www.barelyfitz.com/projects/slideshow/wizard/>
- SlideshowPro for flash (You will require Flash MX 2004, Flash MX 2004 Professional, Flash 8, or Flash 8 Professional to be able to use / create slideshows using slideshow pro) – creates professional looking slideshows for websites this software is for purchase but is not particularly expensive <http://www.slideshowpro.net/>

Monitoring and Tracking Use of your website:

- Free Web Counter <http://www.amazingcounters.com>
- Free Invisible Web Tracker: <http://www.statcounter.com>
- Track visitors to your web using Google Maps using a free tool called Gvisit <http://www.qvisit.com/>. Although Gvisit is free – it only shows the last 20 locations. You can for a small payment upgrade this.



Here is an example of a Gvisit map for Geobytes.

- Clustr maps <http://clustrmaps.com/> - a free hit counter showing visitors on a map.
- GeoVisitors – another free tool for mapping visitors to your site <http://www.digitalpoint.com/tools/geovisitors/>

Add-on Resources:

- Web Monkey – Web Developer’s Resource – includes code samples etc.. which can help to enhance websites.
http://www.webmonkey.com/webmonkey/reference/javascript_code_library/
- Google Gadgets to add to your Homepage – maps, calendar, wikipedia searches, time and date etc.. lots to choose from... <http://code.google.com/apis/gadgets/>
- Applet Depot <http://www.ericharshbarger.org/java/> - some useful free java script applet downloads from Eric Harshbarger (free to use but just require recognition / link back to the Applet depot) (includes clocks, sliding puzzles, site maps, flash cards etc. – worth exploring!)
- Put Google Maps on your own website <http://www.google.com/apis/maps/> Google Maps API lets you embed Google Maps in your own web pages with JavaScript
- A list of current widgets for downloading for use in websites – e.g. calendars, image galleries, contact forms etc.
http://www.maxkiesler.com/index.php/weblog/comments/downloadable_web_20_and_ajax_widgets1/
- Free Web Hosting and Web Tools <http://www.bravenet.com/> e.g. guest books, e-mail forums, calendar

Other Resources:

- ClassTools.net – a brand new online resource by Russell Tarr launched in August 2006 – provides a way of creating interactive diagrams and games for teaching, learning and revising <http://www.classtools.net/welcome.htm> - diagrams created can be saved as web pages to be hosted on your own website.



Blogging

Although they can sometimes lack the flexibility and adaptability of a website – these make an excellent starting point for establishing a presence on the internet, or indeed a useful addition to complement a website (e.g. Val Vannet’s <http://highergeogblog.blogspot.com/>). They have many advantages including the speed with which they can be updated (as quick as writing an e-mail), ease of use (no knowledge of web design needed) and also the increasing plethora of fun and interactive widgets and tools for embedding interactive content into your blog.

Indeed increasingly some blogs are taken on the character of simple mini websites with some blogs such as wordpress blogs also allow you to create individual pages to your blog.

There are many useful resources on blogging – here’s some to get you started: See in particular <http://www.ablogsnotjustforchristmas.blogspot.com> – which includes an excellent presentation on Blogs given by Val at the SAGT 2007 conference.

Having run an INSET course for school colleagues on this I have written a guide to stating up your own wordpress blog:

- Starting A Blog - Setting up Your Own Blog – A teacher’s guide to setting up and running an educational blog
http://cgz.e2bn.net/e2bn/leas/c99/schools/cgz/accounts/staff/rchambers/igeog/TrainingMaterials/Starting_your_own_blog.pdf
- Other INSET materials including a powerpoint can be found here
<http://igeog.wordpress.com/ict-trainingst-ivo/blogs-and-wikis/>
- John Barlow, a geography teacher from Archbishop Blanch’s School has also written an excellent guide to setting up a Blogger blog and this can be downloaded from <http://www.igeog.wordpress.com> (see blogs section)

BLOGS AND BLOGGING – An Introduction..

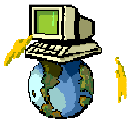
- Quick guide – Blogs and Blogging
<http://news.bbc.co.uk/1/hi/technology/5283248.stm>
- Blogger <http://www.blogger.com/start> - For more details see – Blogger – The Amazing Website Machine <http://help.blogger.com/bin/answer.py?answer=42372> -
- There is a useful tutorial for starting up a blog on blogger on Andrew Field's Revise ICT site - <http://www.reviseict.co.uk/blogging/>
- Word Press <http://wordpress.org/>
- Blogs make Links Easy (based on experimentation by Musselburgh Grammar School on the use of Blogs) - by Ewan Mcintosh
<http://www.ltscotland.org.uk/connected/articles/13/ictinpractice/blogsmakelinkseasy.asp>
- Blogs to support Education
<http://www.ltscotland.org.uk/connected/articles/13/ictinpractice/educationblogs.asp>
- All About Blogs
<http://www.ltscotland.org.uk/connected/articles/13/ictinpractice/allaboutblogs.asp>
- How do I write a blog or make a podcast
<http://www.ltscotland.org.uk/webstandards/writingandstyle/blogpodwiki/howtoblogpodcast.asp>
- ICT IN Education – Blogs
<http://www.ltscotland.org.uk/ictineducation/ictadvice/blogging/startingout.asp>
- Digital Learning - pods and blogs
<http://www.ltscotland.org.uk/webstandards/writingandstyle/blogpodwiki/guidelines.asp>

Blogging Tools

- Blogger <http://www.blogger.com/start> - For more details see – Blogger – The Amazing Website Machine <http://help.blogger.com/bin/answer.py?answer=42372> - also there is a useful tutorial for starting up a blog on blogger on Andrew Field's
- Word Press <http://wordpress.org/>
- Live Journal <http://www.livejournal.com>
- My Blog Site <http://www.myblogsite.com/>
- Xanga <http://www.xanga.com/>
- Windows Live Spaces <http://spaces.live.com/>

Blogs – Adding Content / Widgets

- Clustr Maps (mapping visitors) - <http://clustrmaps.com/>
- Amazing Counters (counter) – <http://www.amazingcounters.com>
- Slideshare (upload and share powerpoints) - <http://www.slideshare.net/>
- Rock You (photosharing / online photo show- <http://www.rockyou.com/>
- Vizu (Web polls) <http://www.vizu.com/>
- 4Shared - Online File Storage - <http://www.4shared.com/>
- Weather Pixie (graph showing weather around the world) <http://weatherpixie.com/>
- Scribd (putting word documents online) <http://www.scribd.com/>
- Animoto (make your own professional looking video shorts for free (longer videos can be made at a small cost) www.animoto.com (videos can be embedded into the blog)
- Gizmoz – create animated characters / videos for your blogs (with voice overs)
<http://www.gizmoz.com/create/general>
- Voki – create your own talking virtual characters for embedding in blogs
<http://www.voki.com/>



Podcasting

Podcasting Articles

- What is a podcast? http://epnweb.org/index.php?view_mode=what
- List of websites with general information related to podcasting
<http://www.shambles.net/pages/learning/infolit/edupodcast/>
- Podcasting – a reason why all educators should podcast http://mobile-learning.blog-city.com/podcasting_a_reason_why_all_educators_should_pocast.htm
- Podcasting in Education – Apple
<http://www.apple.com/education/digitalauthoring/podcasting.html>
- Learning in Hand – creating podcasts
<http://www.learninginhand.com/podcasting/create.html>
- Create and share media for ipods <http://www.mogopop.com>
- Make up your own ipod ready tours, videos etc.
http://edu.blogs.com/edublogs/2006/12/make_up_your_ow.html

How to create your own podcast

Doug Belshaw – an inspirational History and ICT teacher has written a superb 5 part guide to Podcasting which can be accessed on his Teaching Mr Belshaw Blog (<http://teachingmrbelshaw.co.uk>) – which is well worth a read in itself!

The What and Why of Podcasting (Part 1)

<http://teaching.mrbelshaw.co.uk/index.php/2006/01/08/podcasting-part1/>

Recording your podcast (Part 2)

<http://teaching.mrbelshaw.co.uk/index.php/2006/01/09/podcasting-part2/>

Putting your podcast together (Part 3)

<http://teaching.mrbelshaw.co.uk/index.php/2006/01/10/podcasting-part3/>

Making your podcast available to others (Part 4)

<http://teaching.mrbelshaw.co.uk/index.php/2006/01/11/podcasting-part4/>

Advanced Podcasting (Part 5)

<http://teaching.mrbelshaw.co.uk/index.php/2006/01/12/podcasting-part5/>

Also an interesting video “Recording an mp3 podcast with audacity” (youtube video tutorial) <http://www.youtube.com/watch?v=iXUJyV6hVHk>

SoundEditing Software

Audacity (Free Soundediting software) <http://audacity.sourceforge.net/>

Music for Podcasts

Garage Band – <http://www.garageband.com/podcast>

Podsaf Audio – <http://www.podsafaudio.com>

Downloading Podcasts

Feed Demon – <http://www.newsgator.com/Individuals/FeedDemon>

Juice – <http://juicereceiver.sourceforge.net>

Happy Fish – <http://happyfish.info/software>

Vodcasts

Vodcasts – Wikipedia Article – http://en.wikipedia.org/wiki/Video_podcast

How to create a vodcast

<http://playlistmag.com/features/2005/07/howtovodcast/index.php>

How to make a vodcast – a basic introduction <http://www.vodstock.com/make/how-to-make.php>

Finding Podcasts

List of podcasts related to education

<http://www.shambles.net/pages/learning/infolit/edupodcast>

PodFeed.net <http://www.podfeed.net>

Podcast Net <http://www.podcast.net>

Podcast Directory – <http://www.podcastdirectory.com>

Podcast Directory (Education) <http://www.podcastdirectory.org.uk/>

Digital Podcast <http://www.digitalpodcast.com/>



Creating Interactive Games

Content Generator – create your own educational flash games

<http://www.contentgenerator.net/> excellent quiz generating wizards for creating flash based interactive games including classics such as Penalty Shootout, Walk the Plank and interactive tools such as Practice Paper and Interactive Diagrams – the software is not free however is incredibly reasonably priced (either individual licenses or whole school licenses can be purchased) – once software has been purchased as many games / quizzes as you like can be generated (there are also some free quiz generators for users of the forum – well worth signing up). (Andrew Field)

Class Tools – create educational games, activities and diagrams – these can be embedded directly into blogs <http://www.classtools.net/> (Russell Tarr)

Hot Potatoes – Free quiz / lesson tools construction software – see site for details of use (free for educational purposes but read licence details) <http://hotpot.uvic.ca/> - excellent for producing a range of quizzes which can easily be integrated into websites / blogs etc.

Free Flash Resources for Teachers – Sandfields Comprehensive School – some excellent flash based resources / quizzes which can be modified as required <http://www.sandfields.co.uk/games/>

Free ICT Resources for teachers – see the website <http://www.xmleducation.co.uk/> and the forum <http://xmleducation.freeforums.org/>

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