

Geography Teacher ICT / GIS CPD Event

Wednesday 13th January 2016

"The effective use of new technologies in Geography - ideas and suggestions"

Online Learning

DEPARTMENT WEBSITE

St Ivo Geography - GeoBytes

<http://www.geobytes.org.uk>

Homewood Geography Department

<https://geographyhomewood.wordpress.com/>

BLOGGING

Free blog sites:

Wordpress - www.wordpress.com

Edublogs - <https://edublogs.org/>

Blogger - <https://www.blogger.com/home>

Kidblog <http://kidblog.org/home/>

Example blogs:

St Ivo Geography - GCSE blog

www.geobytesgcse.wordpress.com

Alan Parkinson - Living Geography

<http://livinggeography.blogspot.co.uk/>

Geogr@phy Blog <http://geographyblog.eu/wp/>

TWITTER

Using Twitter in Education

Why twitter matters in education

<http://talkwithteachers.com/why-twitter-matters-4-reasons-for-teachers/>

10 steps to creating the perfect educational twitter

account <http://mrkempnz.com/2014/09/10-steps-to-creating-the-perfect-educational-twitter-account.html>

10 tips for tweeting teachers <http://teachertoolkit.me/2014/08/01/10-tips-for-tweeting-teachers-by-teachertoolkit/>

The beginners guide to twitter <http://michaelhyatt.com/the-beginners-guide-to-twitter.html>

General links supporting the use of Twitter in Education

<http://www.pearltrees.com/robgeog/using-twitter-education/id9104746>

100 Ways to teach with Twitter <http://www.emergingedtech.com/2010/02/100-ways-to-teach-with-twitter/>



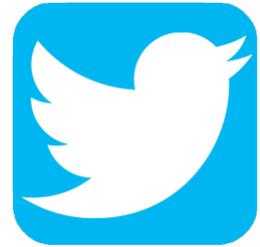
GeoBytesGCSE – St Ivo School Geog Dept

Supporting students studying Edexcel A GCSE Geography at St Ivo School



Examples of Geographers on Twitter

Rob Chambers [@RobGeog](#)
Jo Debens, [@GeoDebs](#)
Mark Howell [@mark_howell101](#)
Teachit Geography, [@TeachitGeog](#)
Anthony Bennett, [@InternetGeog](#)
Alan Parkinson [@GeoBlogs](#)
MarieAST [@montserrat2901](#)
David Rogers [@davidErogers](#)
The Geographical Association [@The_GA](#)
Royal Geographical Society [@RGS_IBG](#)
Darron Gray [@DarronJGray](#)
OCR [@OCR_Geography](#)
Edexcel [@Edexcel_Geog](#)
Simon Cracknell [@CracknellSc](#)
Mrs Humanities [@MrsHumanities](#)
Mike Tidd [@miketidd.com](#)
Tony Cassidy [@tonycassidy](#)
Judith Roberts [@JudithRoberts](#)
Katharine Hutchinson [@kjhutchinson](#)
Jo Payne [@jopayne](#)
Stephen Schwab [@schwabs52](#)
Mrs C Geography [@geogmummy](#)
Mr C [@Geogariphic](#)
John Sayers [@johnsayers](#)
Martyn Reah [@MartynReah](#)
Bob Lang [@BobLangGeog](#)
Matt Podbury [@MattPodbury](#)
Geogabout [@geogabout](#)
Mark Ollis [@ollismark](#)
David Drake [@DavidDrake](#)
Rich Allaway [@richardallaway](#)



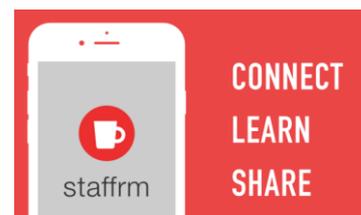
Examples of Geography Department Twitter Accounts:

St Ivo Geography Department
[@StIvoGeographers](#)
John Colet Geography Department
[@JCSGeography](#)
King's Geography [@KSGGeog](#)
Westonbirtgeog [@westonbirtgeog](#)
Oundle Geography [@oundlegeog](#)
FHS Geography Dept [@FHSGeographers](#)

A screenshot of the Twitter profile page for @StIvoGeographers. The profile picture is a green circular logo with a compass rose and the text 'ST IVO GEOGRAPHERS'. The bio reads: 'This is the twitter feed for St Ivo School Geography Department - for Sixth form students studying at St Ivo please also follow @IvoGeographers (protected feed)'. The page shows a list of tweets, including one about UK flooding in December 2015 and another about a wintery, unpredictable climate event. The right-hand side of the page shows 'Who to follow' and 'Trends' sections.

PROFESSIONAL DEVELOPMENT

Staffrm <http://staffrm.io/> - excellent regularly updated - short snappy blogs on ideas and thoughts regarding teaching written by teachers - join in and share!



...and Twitter of course!

Examples of general Teaching and Learning Twitter Accounts:

Amjad Ali [@ASTsupportAAli](https://twitter.com/ASTsupportAAli)

Teacher Toolkit [@TeacherToolkit](https://twitter.com/TeacherToolkit)

Stephen Tierney [@LeadingLearner](https://twitter.com/LeadingLearner)

Jill Berry [@jillberry102](https://twitter.com/jillberry102)

Stephen Logan [@Stephen_Logan](https://twitter.com/Stephen_Logan)

Staffrm [@staffrm](https://twitter.com/staffrm)

John Tomsett [@johntomsett](https://twitter.com/johntomsett)

ASSESSMENT FOR LEARNING

Quick Key <http://get.quickkeyapp.com>

Plickers <https://plickers.com>

Imvoto <http://www.imvoto.com/imvoto/>

PingPong (App Store)

<https://itunes.apple.com/gb/app/pingpong-spot-networking/id734147693?mt=8>

Formative <https://goformative.com>

Socrative <http://www.socrative.com>

Kahoot <https://getkahoot.com/>



DIGITAL CURATION OF ARTICLES / RESOURCES

FLIPBOARD

Flipboard <https://flipboard.com/>

Flipboard for Educators <https://about.flipboard.com/inside-flipboard/flipboard-for-educators/>

How to use Flipboard in the classroom <http://edtechreview.in/trends-insights/insights/1278-tips-for-teachers-how-to-use-flipboard-in-the-classroom>



Examples of Flipboard in use in Geography

R Chambers - Geography Flipboards <https://flipboard.com/@RobChambers7ach>

Barker College Geography Flipboards <https://flipboard.com/@BarkerCollep10s>

The IB DP Geography Flipboard Magazine

<https://flipboard.com/@richardallaway/the-ib-dp-geography-flipboard-magazine-u0e91ni8z>



Pearl Trees

Pearltrees <http://www.pearltrees.com/>

Pearltrees for Teachers - tips for teachers

[http://educationtechnology-](http://educationtechnology-theoryandpractice.blogspot.co.uk/2012/12/pearltrees-for-teachers.html)

[theoryandpractice.blogspot.co.uk/2012/12/pearltrees-for-teachers.html](http://educationtechnology-theoryandpractice.blogspot.co.uk/2012/12/pearltrees-for-teachers.html)

Effective Education Use of Pearltrees

<http://meantechtools.wikispaces.com/file/view/Effective+Education+Use+of+Pearltrees.pdf>



Examples of PearlTrees in use in Geography

Teaching and Learning Pearltree -

<http://www.pearltrees.com/robgeog/teaching-learning/id9086409>

ICT Across the Curriculum Pearltree -

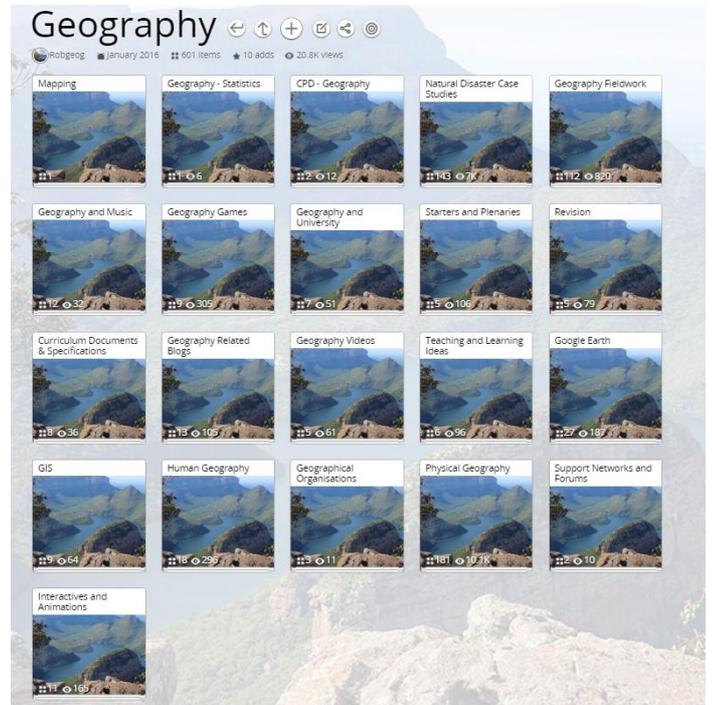
<http://www.pearltrees.com/robgeog/ict-across-curriculum/id9081161>

Geography Pearltree -

<http://www.pearltrees.com/robgeog/geography/id9081141>

iPads in Education Pearltree -

<http://www.pearltrees.com/robgeog/ipads-education/id9081019>



COLLABORATION

Student Collaboration

Padlet <https://padlet.com/>

Teachers guide to using Padlet in Class

<http://www.educatorstechnology.com/2014/07/teachers-guide-to-using-padlet-in-class.html>

Padlet's many uses in the classroom (video)

<https://www.youtube.com/watch?v=5c9vWCPn8ys>



Staff (and in some cases student) Collaboration

Dropbox - www.dropbox.com - giving us access to all our documents, files etc.

anywhere - plus can be used for team work. You can create 'shared folders' which appear on every team member's computer. As new files are uploaded - everyone in that team can access it (what a great way of collaborating for the new specs!)



GoogleDocs <https://docs.google.com> - enables you to work on one document together at the same time and can collaborate on online documents, presentations and spreadsheets (particular strength is you don't need office software installed!) (this also records a history of changes made) - and free! Great for collaboration within a department.



Slack <https://slack.com/>- messaging app for teams - free for small groups (priced options available) - also integrates with dropbox and can send documents within it.

Slack - a tool for connecting educators

<https://www.noodle.com/articles/give-teachers-some-slack-a-tool-for-connecting-educators127>



Google Hangouts - a tool which allows you to video-conference with up to 100 people for free. <https://hangouts.google.com/>



Stormboard (online brainstorming and Collaboration)

<https://www.stormboard.com/>

The 20 best tools for online collaboration

<http://www.creativeblog.com/design/online-collaboration-tools-912855>

DIGITAL MAPPING

GIS in Geography Teaching and Learning (Geographical Association)

<http://www.geography.org.uk/gtip/thinkpieces/gis>

Digimaps

<http://digimapforschools.edina.ac.uk/dfs/schools>

Digimap for Schools Blog

<http://digimapforschools.blogs.edina.ac.uk/>

Quick Ideas for using Digimap for Schools
(Alan Parkinson)

http://digimapforschools.edina.ac.uk/schools/Resources/Secondary/quick_ideas.pdf

Digimap for schools launches historic maps of Great Britain

<https://www.ordnancesurvey.co.uk/about/news/2014/digimap-for-schools-launches-historic-maps-of-great-britain.html>



Ordnance Survey <https://www.ordnancesurvey.co.uk/>

ArcGIS Online <https://www.arcgis.com/home/>

ArcGIS for Schools

<http://www.esriuk.com/software/arcgis/arcgis-for-schools>

Using ArcGIS to present fieldwork data

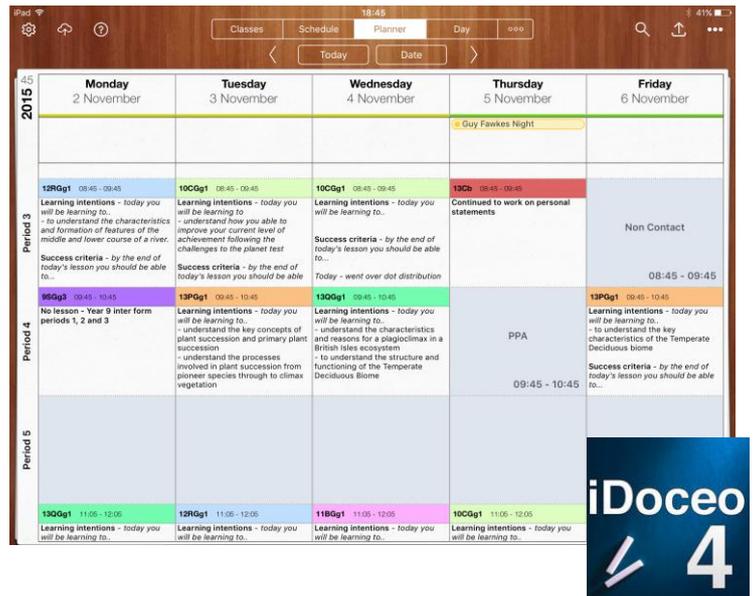
<http://www.rgs.org/OurWork/Schools/Fieldwork+and+local+learning/Fieldwork+techniques/Fieldwork+technology/Esri+ArcGIS.htm>



ORGANISATION

iDoceo - <http://www.idoceo.net> App - which is a teacher's planner, gradebook, calendar, seating plan, diary etc.. all in one. You can even upload or link resources to your plans you can export lesson plans as a .pdf for each group as an archive at the end of a year.

iDoceo for iPad: The ultimate teacher app? <http://ipadinsight.com/ipad-app-reviews/idoceo-for-ipad-the-ultimate-teacher-app/>



IPADS IN GEOGRAPHY

iPhone and iPads in Geography (Geography Pods)

<http://www.geographypods.com/using-ipadiphone.html>

iPads in Education <http://www.pearltrees.com/robgeog/ipads-education/id9081019#1462> (including an overview of useful iPad apps for general teaching and learning)

Geography iPad Apps <http://www.pearltrees.com/robgeog/geography-ipad-apps/id9086454#1225>

iPads in Education - Geography

[http://www.ipadineducation.ianwilson.biz/iPad in Education/Geography.html](http://www.ipadineducation.ianwilson.biz/iPad%20in%20Education/Geography.html)



CREATING TEACHING AND LEARNING RESOURCES

QR Codes - Adding Interactivity to Displays and Resources

QR Codes for Education

<https://sites.google.com/site/alicekeelerqrcodes/home>

Exploring QR Codes in Education

<https://ictacrossthecurriculum.wordpress.com/2011/10/09/q-r-codes-in-education/>

44 QR Codes Resources for Teaching and Learning

<http://www.teachthought.com/uncategorized/44-qr-codes-resources-for-teaching-and-learning/>

Free QR Code Reader <http://www.qr-code-generator.com/>

QR Code Reader and Scanner (Free App on Apple Store)

<https://itunes.apple.com/gb/app/qr-code-reader-and-scanner/id388175979?mt=8>

St Ivo School Geography Department

GCSE GEOGRAPHY

UNIT 1



Geographical Skills and Challenges

REVISION GUIDE & WORKBOOK

Online Support:

www.geobytesgcse.wordpress.com

@StIvoGeography



Short URL / QR Creator - excellent tool from Russell Tarr - simply drag button onto your bookmarks bar on your browser - and simply click it to create either a shortened URL or QR code for any page you are currently on <http://www.classtools.net/shorturl.php>

Creating Interactive Quizzes

Content Generator <http://www.contentgenerator.net> (Andrew Field)



17 questions

Unit 2 - Coastal Landscapes



Begin



Print questions



Instructions

Created on Saturday 25 April 2015 by R. Chambers - St Ivo School Geography.

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Which of the following is not a reason for the population density of London and the SE?

Centre of Administration

Excellent communications

Fast growing economy

Wettest part of the UK

Classtool.net www.classtools.net (Russell Tarr)

All the fantastic tools on the classtools.net website are free and can be hosted on blogs, websites etc. You can also make great use of them during lessons on the interactive whiteboard - definitely worthwhile exploring the website and looking at the different possibilities provided by the various different generators.

Timers in the Classroom

Countdown Time <http://www.online-stopwatch.com/bomb-countdown/full-screen/>

Rocket Timer <http://www.online-stopwatch.com/rocket-timer/>

Candle Timer <http://www.online-stopwatch.com/candle-timer/full-screen/>

Visnos Classroom Timer

<http://www.visnos.com/demos/classroom-timer>

Balloon Pop Timer

http://www.springfield.sheffield.sch.uk/staff/timers/timer_super.html



Online Revision Tools

Revision Organisation (for students)

Revision Ace <https://www.memrise.com>

Pocketmod <http://www.pocketmod.com>

Revision World <http://www.revisionworld.com>

Get Revising – Study Planner <https://getrevising.co.uk/planner>



Mind Mapping Tools

Mindomo <https://www.mindomo.com>

Coggle <https://coggle.it>

Xmind <https://www.xmind.net>



Online Revision Tools

- Quizlet <https://quizlet.com/>

- Flashcards++

<https://itunes.apple.com/gb/app/flashcards++/id378786877?mt=8>

- Examtime <https://www.examtime.com/en-GB/>

- Get Revising <http://getrevising.co.uk>

- Flashcards to go <http://www.flashcardstogo.com>

- Memrise – helping to learn vocab <https://www.memrise.com>



and of course don't forget tools such as PowerPoint and SMARTNotebook for the IBW provide great opportunities for creating teaching and learning materials and interactive revision resources for use with the whole class.

Revision Strategies and support in and beyond the classroom

<https://ictacrossthecurriculum.files.wordpress.com/2015/04/revision-strategies-and-in-support-in-and-beyond-the-classroom-online-copy7.pdf>

Rob Chambers @RobGeog
rchambers@stivoschool.org
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