

e-Update July 2010

Welcome to the 63rd edition of e-Update, the monthly electronic bulletin from the Buckinghamshire ICT Curriculum Support Team.

The purpose of this bulletin is to keep you informed with the latest developments in ICT.

Note: There will be no e-Update published in August.

The information in e-Update has been taken from Becta and other information sources. Details on how to subscribe to these can be found at the end of e-Update.

For information on how to subscribe to/ unsubscribe from e-Update, please see the section towards the end of e-Update.

e-Update can also be found on the Buckinghamshire ICT Curriculum Support Team's website at <http://www.bucksict.org.uk/e-update/> and on the Buckinghamshire Grid for Learning website at <http://www.bucksgfl.org.uk/eupdate>.

If you have any comments on e-Update, please send them to adickson@buckscc.gov.uk.

Jaguar Cars Maths in Motion Challenge 2010/11 in Buckinghamshire

Andy Dickson, ICT Consultant

The Jaguar Cars Maths in Motion Challenge has now become well established in the calendars of many schools across the UK as a way of engaging children of all ages in an exciting and motivating mathematics based project that is suitable for all ages from 10 upwards.

The Challenge is based on Cambridgeshire Software House's 'Cars Maths in Motion' software and is sponsored by Jaguar, Cambridgeshire Software House, Quizdom, iDesk, Rapid, Rising Stars, Kudlian Software, Wildern School, Rewards4Schools and Heritage Motor Centre.

The Challenge involves students, aged 10 to 16, working together in small teams to try and set up a race between virtual Grand Prix cars using tried and tested motor racing simulation software. The work needed to do this can be undertaken in a series of maths lessons or as part of a maths club activity - it's up to you! Both boys and girls will become involved in the delights of long division, long multiplication, percentages, scale, the measuring of angles with protractors, ratio and a whole lot more besides. A full list of what is covered can be found on the Challenge website <http://www.mathschallenge.co.uk>.

The aim of the Challenge is to help raise standards of achievement in mathematics in all schools and to demonstrate that mathematics is not only a useful skill to have but one that can be fun and stand students in good stead throughout life. The 2010/11 Challenge is open to any school in either the State or Independent sectors. There are three age ranges in the 2010/11 Challenge:

Age Range 1: Any child of Primary School age.

Age Range 2: Any child in years 7, 8 and 9.

Age Range 3: Any child in years 10 and 11.

The Challenge is run through a national network of Lead Centres. The ICT Curriculum Support Team is the Lead Centre for Buckinghamshire Schools.

Each participating school, whether Primary or Secondary, will run a series of internal races to find its own winner who will take part in a Buckinghamshire knockout round in Spring 2011. Schools that make it through the knockout round will then meet for the Buckinghamshire Final. The Buckinghamshire primary, KS3 and KS4 winners will then race with other LA winners in the national semi-final knockout round to determine which schools are invited to take part in the National Final in June 2011.

A leaflet with information on the Maths Challenge including pricing and an order form for the Cars: Maths in Motion software is available here:

<http://www.bucksict.org.uk/Teacher%20Resources/CarsMIM.htm>
<http://www.bucksgfl.org.uk/cmim>

Any Buckinghamshire schools who would like to be involved in the Maths Challenge should contact Andy Dickson, tel. 01296 334994, email adickson@buckscc.gov.uk

Cars: Maths in Motion training for schools

Andy Dickson, ICT Consultant

Where: The Buckinghamshire Teaching & Learning Centre

When: 24th September 2010, 10.00am-3.00pm (registration and coffee from 9.30am)

Session Leaders: Brian & Wendy Richardson. Brian & Wendy are partners in Cambridgeshire Software House and Brian is the co-creator of the Cars: Maths in Motion software.

Who Should Attend: Schools who have purchased or will be purchasing the latest version of Cars: Maths in Motion and are participating in the Jaguar Cars Maths in Motion Challenge 2010/11.

What You Can Expect: This hands-on course will show teachers how to use the Cars: Maths in Motion software. There will be discussions on how to use this with children and how the Jaguar Cars Maths in Motion Challenge works.

Note: The course is **free of charge** to Buckinghamshire LA schools providing that they submit an entry into the Jaguar Cars Maths in Motion Challenge 2010/11. **Schools that do not submit an entry will be subsequently charged for the course at the standard LA rate.**

How to apply: Please complete an application form, which is available from Karen Fagan, ICT Curriculum Support Team, Teaching & Learning Centre, Ellen Road, Aylesbury, Buckinghamshire HP21 8EF. If you have any queries, please telephone 01296 334994 or email kafagan@buckscc.gov.uk.

BLP News and SharePoint 2010 update

Mike Woods, ICT Adviser

As announced at the recent BP conference held at Chartridge over the summer break we will be going ahead with a test installation of 'SharePoint 2010' - the latest version of the program just released by Microsoft. This new version promises some real advantages over SP 2007 which BLP was originally designed around. If these promised advantages translate into actual extra functionality for schools then we hope to move BLP on to this platform before its general release in the Autumn.

I would like to ask for schools to put themselves forwards to be 'early adopters' of the redesigned BLP system and gather user feedback on SP2010 early in the new academic year and if you would like to be one of these schools then please email me at mawoods@buckscc.gov.uk.

In the meantime the MS Exchange server, Cisco VPN solution and Video Library server are all available. More details can be found at:

<http://www.bucksgfl.org.uk/course/view.php?id=447>

Much of this text is the content of the first post on a new forum which you can also find on the linked webpage. Please feel free to post to this forum with any ideas or comments you would like to share with registered users (you will need to log in with your BucksGfL username and password to do so).

I will post BLP updates to the forum but will NOT send any individual emails out, so if you wish to get the latest news and please register on the forum.

Sherston Online Channels – free access for Buckinghamshire Schools

Matt Williams, Bli Education

Would you like curriculum matched, engaging, differentiated, narrated activities with no teacher preparation required for FREE until the end of September 2010?

Bli Education are offering this opportunity to Buckinghamshire Schools. There is no obligation or sale expectation. An offer will be made which can be taken advantage of or not.

You can check out the Sherston Online Channels at <http://www.sherston.com> and 'take a tour' (for each). These are current online resources that are continuing to be developed.

If you take up this offer, you will get full access for free to all videos, activities, clip art, printed work sheets etc.

If you would like the Sherston Channels FREE until the end of the end of September 2010 then please contact Matt Williams m.williams@blieducation.com.

ICT School Team Sophos Anti Virus Software Published: 07 July 2010

Karen Wilkinson, ICT Schools Team

The licence for Sophos Anti Virus software currently in use in schools expires on 31/12/2010. The ICT Schools Team has negotiated with Sophos to purchase a new licence from 01/07/2010 that will last till 31/12/2016.

The new Sophos Enterprise 4.5 licence for domain servers will give added features not available on the current version (see http://downloads.sophos.com/readmes/readsec_45_eng.html)

- Application and device control - stop unauthorised applications or devices running
- Web Protection - protects from infected web pages
- Sophos Live protection - identifies files as suspicious
- Tamper Protection - prevent users changing Sophos configuration

The Stand Alone version of the software offers Web Protection and Sophos Live Protection.

Costs for the licences are -

- Site Licence - £2.50 per pupil if purchased **before** 31/12/2010
- £3.00 per pupil if purchased **after** 01/01/2011
- Stand Alone licences - £20 per system
- Site Licences will continue to cover all staff systems used at home.

Admin Systems

The ICT Schools Team will manage the upgrade to the new version of the software on all Primary & Special Admin systems of schools that purchase either the site licence or stand alone licences by 31/12/2010.

Notes will be supplied for Secondary schools to carry out the upgrade, Secondary schools buying Gold service can ask for assistance if required.

Curriculum Systems

Notes will be supplied for schools to upgrade their systems, alternatively the ICT Schools Team can manage the upgrade for you - please ask for a quote.

BITES Schools

The cost of the software will be included within the existing BITES package. As part of the managed service, all the upgrades will automatically be performed during the summer holidays.

E-mail the ICT Schools Team (ICTSchools@buckscc.gov.uk) as soon as possible if you would like to purchase the new licence which will be available from 01/08/2010. Please include Sophos in the subject line and a ledger code for recharging.

Ictopus – July's Lessons2go

Ictopus

Ictopus (ICT online primary user support) is a support service for primary education. Anyone can sign up for the service (free of charge) and will then receive each week a six page printable magazine and a set of activity suggestions. There will also be a regular newsletter or e-bulletin. These resources (and more) will be archived on the ictopus website <http://www.ictopus.org.uk> where there will also be access to classroom activities and a variety of other resources and projects. Ictopus builds on the Becta Direct2U service and also the legacy of MAPE (Micros and Primary Education).

Login first, then access the activities via Resources and lessons2go.

Available on 7th July 2010

A feast of lessons2go is now available. These activities all make use of especially constructed Google Maps. They have locations marked where the Google Street View man can be placed to view a series of features related to different topics. If there is no topic which can be used at the moment, still have a look at one of the items. It may inspire you to make your own Google Street View Activity.

All of these activities are aimed at the Geography curriculum, but a similar technique could be used for other subjects, including History.

This week we have activities for the following age groups:

- **Age 3-5: Early Years, Google Street View Guessing Game**
In this activity the children look at a geographical feature from the air using Google Maps. They then move the Google Street View man to the same point and look at the same thing from ground level. All features have been carefully selected and marked with an icon in a Google Map.
- **Age 6-7: Geography, Google Street View Seaside**
In this activity the children investigate features of a seaside using a Google Map. All features have been carefully selected and marked with an icon in a Google Map. After looking at the feature from the air they move the Google Street View man to the location of the icon. They can then investigate the feature from ground level.
- **Age 7-8: Geography, Google Street View Weather**
In this activity the children investigate examples of different weather around the world on a Google Map. Examples of various types of weather have been carefully selected and marked with an icon in a Google Map. The Google Street View man is moved to the location of the icon. Children can then investigate the weather. The various limitations of these examples are described in the lesson plan.
- **Age 9-10: Geography, Google Street View Llandudno**
In this activity the children investigate the contrasting locality of Llandudno using a Google Map. Locations have been carefully selected and marked with an icon in a Google Map. The Google Street View man is moved to the location of the icon. There are four Google Maps provided, one each for the themes of landscapes, leisure, buildings and work. Hints on how to get the most out of the maps are provided in the lesson plan.
- **Age 10-11: Geography, Google Street View Rivers**
In this activity the children investigate the features of rivers using a Google Map. Locations have been carefully selected and marked with an icon in a Google Map. After looking at the feature from the air the Google Street View man is moved to the location of the icon. Children can then see the feature from ground level. Hints on how to get the most out of the maps are provided in the lesson plan.

Available on 21st July 2010

A super pair of lessons2go is now available. They are both inspirational art ideas. One is on the Chinese New Year so save it ready for use at the right time. The second activity relates to light, but like the first activity makes use of a webquest which has been carefully constructed to lead to reliable sources of information, thus avoiding frustration.

This week we have activities for the following age groups:

- **Age 8-9: Art, Chinese New Year**
In this activity which will take more than one session children will investigate traditions of Chinese New Year and in particular the 'lucky money' envelopes. This provides cross curricular links with Citizenship. Initially children will work through a webquest (see links below). Depending upon their experience you may wish to do at least part of this as a class activity using an interactive whiteboard (IWB).

Subsequently children will select the appropriate designs to include on their own lucky money envelopes. Do make sure you have worked through the webquest yourself before asking the children to do so. If you have children from other cultures in your class you may wish to ask them in advance to find out when New Year is celebrated in their culture and if there are any special traditions associated with it.

- Age 10-11: Art, Using Light

This activity is closely linked to work on light undertaken in science. In this activity, which will take more than one lesson, children will explore the different ways artists use light sources, reflections and shadows. Initially children will work through a webquest (see links below). Depending upon their experience you may wish to do at least part of this as a class activity on an interactive whiteboard. (IWB) Do make sure you have worked through the webquest yourself before asking the children to do so.

Subscribing/ Unsubscribing to e-Update

Teachers in Buckinghamshire schools that are connected to BucksGfL Broadband can receive e-Update by email to their BucksGfL email address.

To subscribe:

1. Visit the BucksGfL website <http://www.bucksgfl.org.uk/eupdate>.
2. Click on the **Login** link in the top right corner.
3. Login using your BucksGfL username and password (your BucksGfL username is the first part of your BucksGfL email address i.e. the bit before the @. Your password is the same as for your email).
4. In the Administration block on the left, click on **Enrol me in this course**. On the next screen, choose **Yes**.

Once you are enrolled, you will be emailed each edition of e-Update to your BucksGfL email address when they are posted on the BucksGfL website.

Note: If you don't wish to use your BucksGfL email address or don't have one (i.e. your school is not connected to BucksGfL Broadband or you are outside Buckinghamshire) then e-Update will still be available to you. However, you will have to download it from the Buckinghamshire ICT Curriculum Support Team's website at <http://www.bucksict.org.uk/e-update/> or the Buckinghamshire Grid for Learning website at <http://www.bucksgfl.org.uk/eupdate>

To unsubscribe:

1. Visit the BucksGfL website <http://www.bucksgfl.org.uk/eupdate>.
2. Click on the **Login** link in the top right corner.
3. Login using your BucksGfL username and password (your BucksGfL username is the first part of your BucksGfL email address i.e. the bit before the @. Your password is the same as for your email).
4. In the Administration block on the left, click on **Unenrol me from e-Update**. On the next screen, choose **Yes**.

Subscription Details

Becta

To subscribe click here: [Becta newsletters](#)

Disclaimer and Copyright Notice

The information contained in e-Update is collated from a range of non-Buckinghamshire LEA sources. Buckinghamshire ICT Curriculum Support Team does not accept any liability for its accuracy or content. If you rely on this information you do so at your own risk. All information may be copied for non-commercial educational purposes, provided that the source is acknowledged.