

## e-Update June 2010

Welcome to the 62nd 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.

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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](mailto:adickson@buckscc.gov.uk).

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### **Jaguar Cars Maths in Motion Challenge National Finals 2010**

#### ***Andy Dickson – ICT Consultant***

Congratulations go to **Woodside Junior School** who came fifth in the Primary age range at the National Finals of the Jaguar Cars Maths in Motion Challenge 2009/10! They competed against 11 other primary teams in the National Final at the Heritage Motor Centre, Gaydon on 24<sup>th</sup> June. There were also 12 KS3 and 12 KS4 teams in the final. Overall they were 19th in the race (they were beaten by 4 primary and 14 secondary teams i.e. they beat 7 primary and 10 secondary teams!) which is a very commendable achievement!

### **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](mailto:adickson@buckscc.gov.uk)

### **Cars: Maths in Motion training for schools**

**Andy Dickson, ICT Consultant**

**Where:** The Buckinghamshire Teaching & Learning Centre

**When:** 24<sup>th</sup> 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](mailto:kafagan@buckscc.gov.uk).

### **CEOP e-Safety Training for School Staff**

**Sue Seager, Anti-Bullying project Officer**

There is a half day pilot e-Safety training session on the CEOP (Child Exploitation and Online Protection Agency) Thinkuknow educational resources on Monday 12th July 2010 at the Teaching and Learning Centre. Details can be found on the course flyer

[https://schoolsweb.buckscc.gov.uk/schools/documents/bulletin/Bucks\\_Thinkuknow\\_flyer.doc](https://schoolsweb.buckscc.gov.uk/schools/documents/bulletin/Bucks_Thinkuknow_flyer.doc)

Through working individually with school communities, the anti-bullying team have recognised that there is a need to extend capacity among school communities and their partner organisations to empowered children and young people to keep themselves safe when using the internet and mobile technology. This course provides access to the CEOP educational resources and approach to educating children from 5 to 16 years old.

Broader engagement and training needs across partner organisations and agencies is part of the remit of the new BSCB e-safety sub-committee and in future school support will be delivered as an integrated collaborative element of this. However to inform our approach to how training is developed we should like to support partner organisations who are already working in this areas and seek training so we are happy to extend the opportunity to participate in this training to partner organisations up to a total capacity of 35 delegates on the day.

To book a place please email Allison Holley at [aholley@buckscc.gov.uk](mailto:aholley@buckscc.gov.uk). If you have any questions about the course content please contact Sue Seager [sseager@buckscc.gov.uk](mailto:sseager@buckscc.gov.uk).

For more information about Cyberbullying and e-Safety please visit the Bucks Grid for Learning at <http://www.bucksgfl.org.uk> and click on the links to anti-bullying and e-safety in the main menu.

Please note that delegates **must also bring proof of a CRB/POCVA/Disclosure Scotland/warrant card** (police) or a headed letter from their organisation/school confirming that they are awaiting clearance or equivalent so that the CEOP certificate can be awarded on the day. We strongly advised you to register on the Thinkuknow website <http://www.thinkuknow.co.uk> prior to the training event as this will speed up your access to the full suite of resources. Internet access will be provided on the day for delegates who are unable to do this prior to the session and all delegates will have an opportunity to log on and familiarise themselves with the Thinkuknow online resources at the end of the morning.

### **Becta's Self-review framework has been revised**

#### ***Becta***

Over the last year, Becta and partners have worked together on revising the Self-review framework. These changes include:

- a reduction in the number of elements, strands and aspects
- a more streamlined look and feel based on feedback from colleagues in schools
- a revision to the framework taking account of developed use of ICT and new educational initiatives
- all ICT Mark thresholds at level 2
- schools currently applying or preparing to apply for the ICT Mark may elect for the assessment to be completed using the current framework.

Please note that this is a framework revision only and the appearance of the Self-review Framework remains the same. You will still access the framework at <http://selfreview.becta.org.uk>.

*What will this mean for schools?*

The revised framework went live on 18<sup>th</sup> June. All data submitted prior to this date will automatically be transferred to the revised framework.

If you have any questions, please contact Becta customer services on 0800 877 8777.

Schools intending to be assessed for the ICT Mark

If after the revised framework went live, a school intends to be assessed or re-assessed for the ICT Mark by the 31 October 2010 but would like to continue to use the old framework, the school will need to contact Naace at [ICTMark@naace.co.uk](mailto:ICTMark@naace.co.uk) for further information. All schools who are assessed after 31 October 2010 will be required to use the revised framework.

### **Harnessing Technology grant "reallocation"**

#### ***DfE***

The Department for Education have announced more details about the free schools initiative. The full press release is at <http://www.education.gov.uk/news/news/freeschools>.

The press release contains the following, of particular interest to members:

"Education Secretary Michael Gove has today...

Reallocated £50 million of funding from the Harnessing Technology Grant to create a Standards and Diversity Fund. This will provide capital funding for Free Schools up to 31 March 2011. Funding for Free Schools will be a top priority for the Department in the forthcoming Spending Review."

The full impact of this announcement has yet to be assessed but it is certain to have a major impact on the funding for the provision of broadband services to schools and associated developments such as learning platforms.

## **Teachers TV to end broadcasts**

### **Teachers TV**

Teachers TV will cease broadcasting on TV on 31 August 2010 and is to become an exclusively online service.

- *Why is the TV channel being switched off?*  
More and more people want the convenience of being able to access our videos online, wherever and whenever they want. In order to continue providing the best possible service we've taken the decision to switch off our TV channel so that we can dedicate all of our resources to our website.
- *When will I stop receiving the Teachers TV television channel?*  
If you watch Teachers TV on Freeview you will stop receiving the channel from the end of July. We will be updating this page with the exact date as soon as it's confirmed. If you watch Teachers TV on Sky, Virgin, or any other platform, you will stop receiving the channel on 31st August 2010.
- *What do I do if I don't have internet access at home?*  
If you register with the Teachers TV website you will be able to download programmes and watch them wherever you want. So, as long as there is somewhere that you can access the internet, you can download videos to a USB drive, or DVD, and watch them on any computer.
- *What do I do if I can't access the Teachers TV website at school?*  
If you register with the Teachers TV website you will be able to download programmes and watch them wherever you want, so you can download programmes at home, or elsewhere, and use them at school. If the Teachers TV website is blocked at your school, speak to your network administrator about unblocking it.
- *What happens to programmes that I've recorded on Sky+ or any other Personal Video Recorder?*  
You will continue to be able to watch these programmes for as long as you like.
- *Will Teachers TV be changing its name?*  
There are no plans to change the Teachers TV name.
- *Will the service still be free?*  
Yes, Teachers TV will continue to be free.
- *What do I do if I have any other questions?*  
You can get in touch with us at [info@teachers.tv](mailto:info@teachers.tv).

## **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](mailto:m.williams@blieducation.com).

## **Ictopus – June'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 9th June 2010*

The next pair of lessons2go is now available. This week we have a pair of music lessons for older pupils. Both lessons use music resources from the internet. The idea of using such resources could be useful in other contexts too.

This week we have activities for the following age groups:

- Age 8-9: Music, Voices  
This activity will take two lessons in which the children will learn to discern the different ranges of the singing voice. In the first lesson children listen to and compare soprano and alto voices and in the second lesson they will compare tenor and bass voices.
- Age 10-11: Music, Trains  
This lesson uses the sounds and rhythms of train travel to build up a repeated rhythm and chant before listening to some extracts from Starlight Express and learning some of the songs.

*Available on 23rd June 2010*

The next pair of lessons2go is now available. Maths and Science feature this week. Each lesson uses its own internet resource which will enhance the teaching and learning experience.

This week we have activities for the following age groups:

- Age 5-6: Science, Animal babies  
Children use a number of collections of photographs from ARKive Education to study animals and learn the names of the young of some well-known animals. A recording sheet is included, so these files have been zipped for your convenience.
- Age 9-10: Maths, Nim  
This lesson combines an understanding of number systems, with problem solving and strategy formulation. Children are taught the game of Nim which they can play against each other or against the computer. They will then investigate a strategy to ensure that they can win each time.

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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>

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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**.
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### **Becta**

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