In Brief...

In this edition of ‘Learning Matters’, E2BN announces a very special post-Christmas present for all schools taking their broadband from a member LA: Is it Me?, E2BN’s SSO (simplified sign-on) and provides details of DfE funded twilight sessions for schools on the Computer Science aspects of the new Computing Curriculum. We reveal that CC4G (Computer Clubs for Girls) from our friends at e-skills UK has been redesigned, rebranded and re-launched as TechFuture Girls. Thanks to funding from HP, BT, National Grid and Oracle, TechFuture Girls is now free of charge to schools! This year, the Pull-out Guide focuses on E2BN’s great new history website ‘History Lines’ and also has news of our great new teaching packs: Inspiring History and Easy Art. Happy reading!

Contents

News Page 2
E-Safety Conference Pages 2-3
E2BN Think IT Pages 4-5
History Cookbook Pages 6-7
Teaching Packs Page 8
Pull-out Guide Pages 9-11
Tudors in London Page 12
Is it Me? Page 13
Barefoot Computing Pages 14-15
FutureSchool ESOL Page 16
E-Safety Training Page 17
No Delete Button Pages 18-19
TechFuture Girls Page 19
E2BN Conference Page 20

News

E2BN’s annual two day conference – save the date: 23rd and 24th June 2015

Learning and Technology: The Future

This year’s conference will be not only taking a look at the learning spaces of the future but also asking how we can best prepare today’s students for tomorrow’s world of work.

The E2BN conference is always a great event. It is aimed at teachers, Heads, technical staff, Local Authority employees, school governors and all those interested in raising educational standards through the use of technology.

For more information, go to: www.e2bn.org

E-Safety Conference Report

Well! What a fab day! With well informed and engaging speakers presenting on the current hot topics and key concerns, the E2BN E-Safety conference is always a great event. This year was no exception.

David Wright opened the conference by reminding us that E-Safety is rarely out of the news. He went on to provide the very interesting and sometimes shocking back stories from behind the headlines. Often the ‘what happened next’ and the bits that the papers didn’t report on were more disturbing than the original events.

Rhian Kavanagh was new to the E2BN stage, although it seems likely that we will be seeing her again. She talked about how SID 2015

Safer Internet Day is organised by Insafe, in February of each year, to promote safer and more responsible use of online technology and mobile phones, especially among children and young people across the world.

SID 2015 will be celebrated on Tuesday 10th February 2015, with the strapline, once again, of ‘Let’s Create a Better Internet Together’, following the success of last year’s campaign.

The 2015 Involvement Kit for Schools will be available in early 2015 from: http://www.saferinternetday.org/web/guest/sid-2015 If you are doing something in your school for SID, please let us know by tweeting @e2bn with the hashtag: #e2bn4SID2015
dependent we are all becoming on the Internet, and illustrated just how important it is to us both as individuals and as a society that we ensure that the online world is a secure one. When web servers and online services are hacked and attacked it’s not only businesses that suffer! Rhian went on to discuss ways in which we can help our students to understand the importance of web security. She then highlighted that fact that there is a shortage of cyber security professionals and a growing demand for their services. Quite frankly who wouldn’t want to be a ‘white hat’ hacker!!

Our next speaker was the ever popular and forthright Richard Cook. “Who’s already doing BYOD (Bring Your Own Device) in school?” he asked. Very few hands went up. “Really!” he exclaimed. “Have none of you set up your personal mobile to pick up your school emails? Do none of you use your iPad (or other tablet device) at schools?” There was a shuffling in the audience as some delegates began to realise the implications of Richard’s words. Just because pupils aren’t using their own devices to access school resources or the school hasn’t provisioned one-to-one devices, it doesn’t mean that staff aren’t doing BYOD. Richard outlined the risks of unregulated BYOD (data breaches, the loss of sensitive data etc.). He then suggested the sort of policies and protocols a school should adopt in order to allow staff to work efficiently on their own device whilst ensuring that school data remains secure.

Next up was Kathy Olsson, E2BN’s E-Safety Manager. Kathy spoke about how, online, there is no privacy. She outlined some of the things we unwittingly reveal about ourselves through our browsing habits, through our acceptance of default settings on mobile devices and through what she called ‘app bleed’ (the process by which data from lots of different apps can be combined to provide a considerable amount of information about you). And whilst it is difficult to stop a service collecting our data – it is after all the commodity we exchange in return for that ‘free’ service – we should at least be aware that our data is being collected. Kathy also suggested that you should Google yourself: “Try playing cyber-sleuth and see what you can find out about yourself.” She said, “You might be surprised!”

The conference was brought to a great close by presentations from Denise Cottam, Shortstown Primary and Emma Caswell, Warden Hill Primary, sharing what works in their schools with regard to E-Safety. Both provided lots of great ideas and advice which have actually been tried and tested in their schools.

So it was a great day and the feedback has been very positive. E2BN would like to thank the staff at the Leagrave Centre for making us all very welcome, and the exhibitors and sponsors for simply being great! To all those who presented, another big thank you, they were fantastic sessions. And finally thank you for coming!

Update

Dates

January 21st – 24th 2015 Bett 2015 - Bett is the world’s leading learning technology event and has been bringing innovation and inspiration to the education sector for over 30 years. Join us, along with over 30,000 of your peers, at ExCeL London in January. Read more here: http://www.bettshow.com/Content/About-Bett-2015#ixzz3K4nLZPj7

February 10th 2015 Safer Internet Day - SID promotes safer and more responsible use of online technology and mobile phones, especially among children and young people across the world. Do something exciting in your school for SID!

March 5th 2015 and May 14th 2015 E-Safety Leaders course - this course will introduce school leaders to current E-Safety issues. It will explore policies, procedures and tools that will assist schools in creating a safer online environment and help them to meet the requirements of Ofsted inspectors.

March 25th and 26th 2015 The Naace Strategic Conference 2015 - this year the focus is on those who have utilised technology in order to succeed in their professions. Join us at the Naace Strategic Conference 2015 and you’ll leave motivated, energised and inspired.

June 23rd and 24th 2015 E2BN annual two day conference: ‘Learning and Technology: The Future’ - see more information at: http://conference.e2bn.org/
If You’re Thinking of Doing Anything with the IT in Your School Give Us a Call. E2BN Think IT is the Complete Solution

What is E2BN Think IT?
E2BN Think IT is a new way for schools, colleges and universities to buy the latest educational software, learning content, hardware, mobile devices and network products, services and support as one complete solution. This fully managed service gives access to new Anytime, Anywhere, Any-device solutions that teachers are using to transform the teaching and learning experience for staff and students, without the need for up-front capital costs.

You’ll like it because we’ve taken a different approach. We start by helping you identify the outcomes that you want for your students, staff, parents and governors, and then recommend the best mix of products and services to fit your unique circumstances. We even provide a Change Management Programme tailored to your school to help make sure implementation is successful and that you get maximum benefit from your investments.

We have brought together many of the biggest and best education-specialist companies as part of this EU tendered procurement framework to ensure that you get what you want and need, wrapped up in one simple contract, and at prices you can be sure are value for money.

Why is E2BN Think IT Different?
The technology is great – it’s always up-to-date and available wherever you have an Internet connection, but the change it brings to schools is the most compelling aspect of the service. It’s different because it’s a one stop shop, bringing technology and services together with a Change Management Programme designed specifically for your unique circumstances. We’ll make sure the technology supports your goals and objectives – whether it is to support how you teach, by extending learning beyond the classroom; help engage staff, students and parents better; increase attainment and improve behaviour; strengthen your E-Safety, your security and your Safeguarding; improve reporting and use of data to drive improvement; or achieve efficiencies. All services come with initial training and include ongoing support.

What About the Cost?
You can be confident you’re getting value for money because you buy the service via an EU tendered procurement framework. There is one simple contract for all the services, making it easy for you to manage, and flexible payment terms can be arranged so you can manage your budgets. Also, for some of the services, by refurbishing your existing devices we can help make the most of past investments and save money by extending the working life of old hardware.

What Services can I Choose From?
Core Services:
- Readiness Assessments
  A review of the school’s vision for IT, how much it is currently spending and the current infrastructure, all combined into a report for the governing body so that they can make informed investment decisions
- Change Management
  Development of a school specific Change Management Programme to support the school through the implementation planning, stakeholder and communication management, overcoming barriers and helping to ensure success through staff and parental engagement
• Single Sign-on
Sign in once through the secure portal to access your personalised desktop, school data and everything you need for online working such as Office 365 or Gmail. It works from any browser and doesn’t need a client install.

• Virtual Desktop
Students and teachers are able to connect to a virtual desktop containing all of their school data and applications at any time via any Internet enabled device. This gives staff and students more freedom of choice and flexibility in the way they teach and learn. It also enables the configuration of old kit to ‘thin client’, meaning they perform faster and with reduced power consumption, saving the school money.

• Classroom Management
Allows teachers to control exactly what tools and applications students can use in class, as well as incorporating powerful E-Safety tools that block sites, highlight violations and record activity and images. Licence Management features share licences across devices, cutting costs. Power management shuts down inactive devices, and print management controls the printing budgets, both of which produce significant savings. The remote network control features enable a centralised resource to fix problems, change admin rights and change passwords remotely without having to run around the school.

• Safeguarding
A simple-to-use, secure solution for recording and managing Safeguarding concerns in schools. All teachers can confidentially raise concerns at any time, the Designated Safety Lead is notified and chronologies and trends are tracked. This enables a school to meet all its Safeguarding obligations and provides clear and auditable evidence for Ofsted inspections.

Additional Services:
For the full range of services available as part of Think IT, go to: http://think-it.e2bn.org

How do We get Started?
Email us at: think-it@e2bn.org or call the helpline: 0203 282 1443 and speak to one of our advisors.
A Prehistoric Two-course Meal

First Course: Nettle Soup

Ingredients:
- 1/2 a basket of nettles, approx. 1/2lb (250g)
- 1 1/2 pints vegetable stock (0.85 litre)
- 2oz butter (50g)
- 2-3 handfuls of oatmeal
- sea salt to season

Method:
1. Chop the nettles roughly
2. Put into a saucepan with the butter; heat gently until wilted
3. Add the stock, bring to the boil
4. Turn down the heat and simmer for 10-15 minutes
5. Add the oatmeal, stir and serve

Second Course: Pork, Scallop and Mushroom Kebabs inside Pita Bread

Ingredients:
- 1 (approx. 450g, 1lb) pork loin joint
- 6-8 scallops
- small punnet oyster mushrooms
- 1 tablespoon honey, preferably runny

Method:
1. Lift the scallops from their shells. They are attached by a little ‘foot’ - just pull this away
2. Rinse the scallops thoroughly to remove any sand. Leave to drain in a sieve or colander
3. Cut the pork meat into large chunks with a sharp knife
4. Rinse the mushrooms and leave to drain in a sieve/colander
5. Thread the pork, mushrooms and scallops onto some metal skewers
6. Grill on a medium heat, turning regularly
7. When they are almost cooked, brush with some runny honey
8. Serve hot in warm pita breads...

Ingredients:
- 1 large teaspoon dried yeast
- 1 teaspoon sugar
- 2tbsp warm water
- 500g wholewheat flour
- 300ml warm water
- 1 level teaspoon salt
- a good 'splash' of olive oil

Method:
1. Mix 2 tablespoons of warm water with the sugar in a bowl, stir well and add the yeast. Leave to rise in a warm place until bubbly on top
2. Put the flour and salt in a large bowl and make a well in the centre
3. Pour in the yeast mixture, warm water and a good dollop of olive oil
4. Using a wooden spoon, stir the centre, bringing in the flour from the outside until a stiffish dough is formed, use (clean) hands once the dough gets hard
5. Turn out the dough onto a lightly floured board & knead for about 15 minutes
6. Form dough into a ball, cover with damp, clean cloth, leave to rise until doubled
7. Remove cloth & 'knock back', i.e. knead the dough for two or three minutes
8. Cut dough into eight pieces. Flatten each one with your hands or a rolling pin
9. Put them onto a lightly greased and floured baking tin (or line it with non-stick baking paper)
10. Put into preheated oven (highest heat) for about 12 minutes (until they are a bit browned)
11. Remove carefully. Split and fill whilst warm
Prehistoric Food Facts

The Earliest People were Hunter-gatherers

In the days before farming, hunter-gatherer groups would have been larger than those that still exist today.

The Paleolithic Hunter-gatherer Diet would have been Varied

It would have consisted of meat, fish, shellfish, leafy vegetables, fruit, nuts and insects in varying proportions.

Hunting Required a Wide Range of Skills

The hunters would have to know how to track and kill the animals without getting hurt themselves. It also required courage, as some of the animals they hunted were large and powerful.

Food had to be Eaten Quickly Before it Went Bad

Once a kill had been made, all the meat had to be eaten immediately, as there was no means of storing it. Any that was not eaten very quickly rotted and caused health problems.

Cooking was Done on Open Fires and Meals may have Developed into more Social Events

At this time, meals may have started to become as important as they have been in traditional societies ever since. The open fires were often made in shallow pits to conserve the heat and protect them from the wind.

Other Methods of Cooking were Boiling and Roasting

A different method of cooking was to fill a pit with water, and then drop heated stones into it to boil the water. Meat would then be dropped into the water to be boiled and more stones added to keep the water hot. Roasting animals over spits was also common.

Early Peoples frequently Lived Near the Coast, Supplementing their Diet with Seaweeds and Shellfish

Fish, both freshwater and seawater, were a very common feature of prehistoric diets.

The Invention of Pottery allowed Foods to be Cooked more Easily

Pottery allowed liquids to be boiled over fires, so that porridges, stews and soups could be made much more easily. The spreading use of iron, after about 1,000 BC, made the manufacturing of pots, pans and cauldrons even easier.
The trouble with teaching is that:

• Planning lessons and finding resources to support learning are time consuming tasks that many teachers have to do on a Saturday or Sunday

• Primary school teachers can’t be specialists in all subjects

• Coming up with new ideas to keep your teaching fresh can be exhausting

So E2BN has commissioned two new series of teaching and learning materials: Inspiring History and Easy Art. These materials will save time, give the non-specialist’s subject knowledge a boost and provide some fresh teaching ideas that will engage pupils.

E2BN Inspiring History

Changes to the National Curriculum mean that everyone who teaches History is having to review their tried and trusted plans. So wouldn’t it be great if someone had already done this work for you? There are currently three packs available in the Inspiring History series: ‘The Romans and Technology’ and ‘The Coming of Christianity’ for Key Stage 2, and ‘The Victorians and The Crystal Palace’ for Key Stage 2/3. Each pack includes lesson plans & ideas, information sheets for teachers, links to resources and activities and images. The packs are web downloads and cost £19.99 each. The fourth pack in the Inspiring History series is ‘The British Empire’ aimed at Key Stage 3; it will be available from mid-February 2015 and be priced at £24.99.

E2BN Easy Art

The Easy Art series is designed to help the non-specialist Art teacher to teach Art with confidence and flair! Each pack is aligned to a historical period and provides lesson ideas and plans, high resolution photographs, templates and step by step instructions, helpful hints and comprehensive teachers’ information on the historical significance of the art or craft activity, health and safety guidance, notes on how to source materials and links to free online resources. The first pack in the series is: Easy Art in the Stone and Iron Age, which comprises:

Paint Your Cave - a look at how our earliest ancestors made art, instructions for making your own paint and creating Stone Age art, a set of high resolution images of cave art, templates and ideas for classroom display.

Felt It - explores the nature and properties of felt, provides a step by step guide to felt making and ideas and templates for making felt puppets and simple pouch bags.

Make It, Wear It  - considers the role of jewellery in our social, spiritual and decorative lives, suggests a number of different ways to make Stone Age necklaces, has a recipe for salt dough and instructions and templates for making Iron Age shield brooches.

Easy Art The Artistic Anglo Saxons and Easy Art Visionary Vikings will be available later in the Spring term.

The Easy Art Packs are web downloads and cost £19.99.

For these packs, go to: http://www.e2bn.org/products/

Over 40% of Primary schools in the region have already bought one of E2BN’s two English teaching packs: Myths and Legends Year 3 & Myths and Legends Year 5

www.e2bn.org
History Lines – The essential companion to the new History Curriculum for Key Stages 2 and 3!

What is History Lines?

History Lines is a comprehensive resources that covers History as set out in the new National Curriculum. Its focus is on British history, but it includes views of Europe and the Wider World.

It aims to:

• Help Primary pupils to understand the main concepts and aspects of History required by the new curriculum

• Assist Primary teachers who may not have a background in History to teach History

• Provide Secondary History teachers and pupils with a starting point for more in-depth study

Where does History Lines Fit into the Curriculum?

History Lines is organised into the major periods of British history. Each period is structured around nine main themes relating to political, military, social, economic and cultural history. It can therefore be used either to study a particular period, or to follow a theme through history – just as the National Curriculum document suggests. Each period also has a section of what everyday life was like for the people of the time.

Using the Site

Overview

History Lines has been designed to make History entertaining and accessible to a wide range of age groups and different reading levels. The coverage of each period and theme means that the site should be sufficient to meet the curriculum needs of pupils at both Key Stage 2 and Key Stage 3. Teachers may also profitably use the site with Key Stage 4 pupils, or as a reference for their own investigations.

Site Structure

The site encourages the content to be approached in one of two ways: ‘Periods’ or ‘Themes’. This gives users the choice of surveying a particular period or following a particular theme through time. In this way, teachers and pupils have flexibility in the way they approach the curriculum.

The Home Page – Periods

On the home page of the website pupils can gain one-click access to any of 12 historical periods by clicking on the period picture tab. The site content covers all British history, from Prehistoric times right through to the present day. There is also overview coverage of European and World history for the different periods.
Using the Site contd.

The Period Home Page – Themes

When you click on a period picture tab, you will go to the home page for that period. You will see the information has been divided into nine themes. The themes are the same for each period, covering similar subject matter.

The amount of information provided, however, varies. This takes account of appropriate emphases which should be given to different themes and topics from period to period (for example technology should be given higher billing in Victorian times than in Anglo-Saxon times), or reflects our different levels of knowledge of the eras covered. For each theme you will see there is a choice to take a tour or access the theme information.

Making the Site’s Information Accessible

Within each theme, the site’s content is built up of smaller sections or ‘bites’ of information. Each section or information bite can be accessed at three different levels:

- A brief summary heading
- Some additional information
- More detailed information, sometimes including more difficult to understand concepts

Taking a Tour

Each section or bite of information has a heading. If you look through the section headings within a particular theme, you will see that, taken together, they give an overview of the theme’s subject matter. This is the information your pupils will get if they choose to ‘take a tour’ of any theme, from the period home page. These ‘tours’ have been designed to allow pupils to quickly get a handle on a theme, and it also allows children, who find larger amounts of text challenging, to gain an overall understanding of the subject.

The picture that accompanies each heading is also to help them gain an understanding of each theme.
Exploring a Theme in More Depth

If, from the home page for each period, you click on ‘information’ rather than ‘take a tour’, or, after you have taken the tour, you click outside the tour box, you will find you are on a page that still contains the section headings and a thumbnail of the pictures, but underneath is a small amount of text. This introduces the topic covered by the section or bite, and provides outline coverage of it. The level of the text in these introductions is designed for all pupils. For those pupils for whom reading is easy, then the ‘more’ button in each section will give them access to more in-depth treatments of the topics.

What is Said about History Lines?

“History Lines is a great tool because there is nowhere else with such an accessible and comprehensive coverage of British history, and it’s arranged so that pupils can look at history either period by period or theme by theme.”

Peter Britton, History Advisor
LGfL Launches The Tudors in London Resource in Partnership with the Museum of London

The Tudors in London resource aims to develop an understanding of a historical context in which to appreciate how events of 500 years ago still impact London life today.

Featuring over 140 high quality video clips and over 60 high resolution images from the Museum of London Archaeological Archive, Royal Collection Trust and key Tudor locations in London, the extensive digital collection is further enhanced by a framework of curriculum-linked material. Lesson plans suggest classroom-based activities to help teachers make the most of the wide range of resources within the historical archive.

High quality video resources include:

- Re-enactment of the eve of the marriage of Kathryn Parr to Henry VIII
- The major Tudor remains including Hampton Court Palace, the Rose Theatre, Charterhouse and on the streets of the City of London
- Replicas and real artefacts uncovered from archaeological discoveries in London

High resolution images:

- High resolution photographs courtesy of the Museum of London Picture Library and the Museum of London Archaeology
- Reconstructions of what Tudor London might have looked like, maps and images of artefacts courtesy of Museum of London Picture Library and the Royal Collection Trust

The resource is designed to be used both as a class teaching tool and in an individual learner context.

The structure of support material is specifically designed to meet the needs of History teachers working with Key Stage 2 pupils.

It is recognised that in the next few years, many non-specialist teachers will be required to deliver the History Curriculum in a wide variety of contexts as they adapt to the revised National Curriculum. It is for these teachers that detailed lesson plans are provided, offering a complete support package to maximise the benefit of this digital collection.

However, the resource is equally designed to be of great value to the subject specialist, who may wish to use it in a disaggregated way. The availability of video embed codes and downloadable high resolution images allows teachers who are familiar with Learning Platforms to enhance the material further by creating their own online learning pathways.

This new resource is available via LGfL to all schools connected to NEN - The Education Network via their Regional Broadband Grid.

www.tudors.lgfl.net
In last term’s newsletter we ran an article entitled *Is it Me?* We said that only being able to access some web services from school was not ideal; you should all be able to use any device to access your content, regardless of where you are. It’s bad enough having to manage a different username/password combination for each service we subscribe to, but what’s worse is trying to manage that for 30 pupils at a time. And we commented that you most certainly do not want to have to upload class lists of names and passwords so that your pupils can access the services to which your school subscribes.

We then offered a glimmer of hope in the guise of a new service from E2BN. It’s called *Is it Me?* and if you take your broadband from E2BN Direct or from one of our member Local Authorities, *Is it Me?* is now part of your membership package!

*Is it Me?* gives you reliable Identity Management, simplified sign-on and app provisioning, meaning that your apps, web and subscription services are exactly where you want them - right at your fingertips.

**How Does it Work?**

Your school’s Management Information System (MIS) holds information about every pupil and teacher in your school. Essentially, *Is it Me?* uses this MIS data to create user accounts and then associates your *Is it Me?* log in with your licence to use various services. Maybe your school has signed up to a service such as Microsoft’s Office 365, or Google’s Apps for Education and Classroom. *Is it Me?* seamlessly associates your *Is it Me?* log in with your 365 or Google account. There might also be a subscription to Espresso or Purple Mash. Again your log in details to *Is it Me?* are associated with these accounts. Now when you log in to *Is it Me?* from home, from school, via your desktop, laptop or tablet you will be able to access these services without logging in again!

In schools, teachers and pupils often have different access to a range of resources. Because *Is it Me?* gets all its data from your MIS, it knows whether you are a teacher or pupil and assigns users the correct level of access. As a teacher, you might want a particular class to access a particular set of web resources. Now we all know that pupils make mistakes when typing in urls, so it makes sense to provide your pupils with a desktop shortcut to the desired resource. But in some schools teachers don’t have the correct permissions to make those sorts of changes to desktops and you might want to direct particular pupils to some resources and not others.

You might even want pupils to see this set of resources from home. *Is it Me?* allows teachers to curate content by creating and sharing 'launchpads'. A launchpad is a collection of web links and is really easy to create (really easy!!). So when a pupil logs in to *Is it Me?* they are already logged in to their Microsoft 365 or Google for Education account, or their Espresso account; they can access their E2BN Myths and Legends StoryCreator account and at a single click go directly to all the great free resources that you have identified for them!

**How Does Your School get Access to Is it Me?**

If you take your broadband from E2BN Direct or from one of our member Local Authorities *Is it Me?* (Standard) is now a part of your E2BN membership. All you need to do to start using this great service is to contact E2BN admin@e2bn.org with ‘is it me’ in the subject line. We’ll get back to you with some questions about your MIS and online services and some contractual paperwork (basically an agreement that we won’t share your school data with anyone). The installation will happen remotely. You’ll also be provided with a user guide and telephone support.
**The Barefoot Computing Project**

Free high quality resources for Primary teachers to help with the new aspects of the Computing curriculum

---

School based workshops and online resources for the Computer Science element of the new Computing Curriculum, funded by the DfE!!

**What is Barefoot Computing?**

The Barefoot Computing project is all about helping Primary school teachers get ready for the Computer Science element of the new Computing Curriculum.

There are two main aspects of the Barefoot Computing Project: FREE school based workshops and amazing FREE online resources.

- Primary Computing Workshops: designed to equip Primary school teachers with the knowledge, skills and understanding they need to deliver the new Computing Curriculum.

  These hour and a half sessions will guide you through using the Barefoot resources and how they can be used to teach your pupils Computer Science. The workshop takes place in a local school and, if you book before March 2015 and there are at least 10 teachers in attendance, it's paid for by the DfE!!! **To find out more or to book a session contact:** Kathy@e2bn.org

- Online resources: created by a team of practicing computing teachers, these high quality, cross-curricular Primary resources are currently being created with the aim of helping teachers deliver the new Computing Curriculum.

  There are Two Types of Resources Available:

  i. Exemplar Teaching Materials: the resources and activities will help teachers ensure that children can make progress in a wide range of cross-curricular situations and demonstrate how subjects such as English, Maths, Science or History can be combined with, and benefit from, the new Computing Curriculum. The exemplar resources will be shared online and through our Barefoot workshops: [http://barefootcas.org.uk/barefoot-primary-computing-resources/](http://barefootcas.org.uk/barefoot-primary-computing-resources/)

  ii. Teach Yourself Notes: accompanying the exemplar teaching materials will be a series of self-help notes designed to support Primary teachers on their journey towards becoming excellent Computing teachers. Covering key computing concepts, language and vocabulary, they will help teachers deepen their own understanding of computational ideas and concepts, allowing them to teach with increased confidence, knowledge and understanding.

For more information, contact: Kathy@e2bn.org
How do I Access Barefoot Resources?

The Barefoot Primary Computing resources are available online and more will be added as we complete them. You will need to register with the Barefoot Computing Project: http://barefootcas.org.uk/register/ in order to gain access to the resources. This is FREE and so is access to our resources.

Where can I find a Barefoot Primary Computing Workshop?
Barefoot workshops are happening throughout the country. You can see a list of forthcoming workshops in Norfolk, Suffolk & Cambridgeshire (delivered by Connect Education) here: http://barefootcas.org.uk/primary-computing-workshops/forthcoming-workshops/

If your school is in: Milton Keynes, Bedford Borough, Central Bedfordshire, Luton, Thurrock, Peterborough, Southend or Lincolnshire, contact: Kathy@e2bn.org to book a workshop at your school.

Another Free Computer Science Resource

And Barefoot Computing isn’t the only great set of free resources to help teachers teach Computer Science. You might want to have a look at CS Unplugged: http://csunplugged.org/

CS Unplugged is a collection of free learning activities that teach Computer Science through engaging games and puzzles that use cards, string, crayons and lots of running around.

The activities introduce students to underlying concepts such as binary numbers, algorithms and data compression, separated from the distractions and technical details we usually see with computers. CS Unplugged is suitable for people of all ages, from elementary school to seniors, and from many countries and backgrounds. Unplugged has been used around the world for over 20 years, in classrooms, science centres, homes, and even for holiday events in a park!

There’s a trailer on YouTube for Schools: https://www.youtube.com/watch?v=KOYy4kyLEHs so you can see how CS Unplugged can be used.
“I want to speak English...”

Do you have students who could benefit from a proven ESOL programme?

Whilst FutureSchool’s Numeracy and Literacy programmes are known to many schools, what many don’t know is that FutureSchool has developed one of the better English as a Second Language programmes available anywhere in the world.

A dedicated team of ESOL professionals took six years to research and develop the Discovering English programme, initially for the Chinese market, including the development of a full suite of Professional Development manuals, used to provide any teacher with a fully researched and tested pedagogical approach to the delivery of meaningful and effective ESOL lessons.

Discovering English is an interactive computer program designed for second language learners of English. The program comprises eight modules identified as levels for ease of use from beginners to advanced. The program has been developed to provide the necessary listening, reading, speaking and writing skills required by students to communicate at an appropriate and effective level.

Students will:

- be able to analyse, process and respond to reading and listening texts that are in English
- develop the listening, reading, speaking and writing skills necessary for effective communication in English
- explore the nature of the English language as a system leading to an appreciation of the correct application of linguistic structures
- understand aspects of the culture of English-speaking communities

If you would like to find out more about FutureSchool’s programmes, or would like a free 30 minute demonstration, call today on 0800 0885634 or email schools@futureschool.co.uk

Safeguarding through the E2BN Think IT Framework

Schools are at the front-line of Safeguarding. It is more important than ever that teachers and schools are able to recognise, record and respond to Safeguarding concerns regarding children of all ages.

Ofsted are taking a far tougher stance on Safeguarding in their inspections. The School Inspection Handbook issued in September 2014 states that schools failing in relation to statutory Safeguarding will be given an overall grading of inadequate.

E2BN Think IT has a new online Safeguarding solution to record concerns, at the same time as giving schools the tools to meet the Ofsted standards.

It is easy to use and is very secure, enabling all staff to record any Safeguarding concern, safe in the knowledge that a proper record has been made and that their Designated Safeguarding Lead (DSL) has been automatically notified. It enables the DSL to spot trends and manage any ongoing action that needs to be taken. It also gives them easy-to-use reporting tools for important multi-agency meetings.

Safeguarding is just one of the new Anytime, Anywhere, Any-device solutions available through the new E2BN Think IT Framework. To find out more contact us at: think-it@e2bn.org or call: 0203 282 1443 and speak to one of our advisors.
E-Safety Training @ Your School

**E-Safety Sessions for Staff & Governors**

E-Safety is a whole school issue, not the sole responsibility of the ICT Co-ordinator. Ofsted recommends, in Inspecting E-Safety Sept. 2012, that: “All teaching and non-teaching staff receive regular and up-to-date [E-Safety] training.”

E2BN provides INSET sessions for staff that address a range of E-Safety issues. Our most popular sessions are:

- **Building an E-Safety Curriculum**
- **Online Professional Reputation for Staff**

These sessions can be adapted to the particular needs of the school and can be run as half day or twilight sessions.

For more information, go to:

**E-Safety for Parents**

Parents play a vital role in the E-Safety education of their children, through promoting safe use of technology at home. But many parents aren’t sure what they should be telling their children about staying safe online. Schools can help here by providing an E-Safety session which informs parents and carers about the benefits and risks of the virtual world and shows them how they can manage those risks.

E2BN E-Safety for Parents looks at how young people use technology, what risks they take and what parents and carers can do to help keep their children safe online. The session usually lasts an hour and can be held prior to the end of the school day, as part of a ‘coffee morning’, ‘bring your parents to school day’ or in the evening.

For more information, go to:

Morning Session:

The Thinkuknow Introduction course provides professionals with an overview of young people’s online behaviour and CEOP’s Thinkuknow educational materials. Following attendance at a Thinkuknow Introduction course, delegates will have access to these exclusive resources: the Thinkuknow Presentation for 11-16s and all supporting materials and lesson plans, Clare’s Story and Tom’s Story. Delegates from Primary schools will also be able to access video materials more appropriate to younger pupils.

Afternoon Session:

The afternoon will be split up into four sections:

- Surviving Ofsted (this is a presentation)
- Assessing your E-Safeguarding policies, procedures and practices (individual activity and discussion)
- Using the 360 Safe Assessment tool
- Embedding E-Safety in the Curriculum – what to teach, where to teach and where to find the best resources

The charges are: £70 for delegates from E2BN schools, £85 for non-E2BN schools.

For more information and to book your place, go to: [http://www.e2bn.org/events](http://www.e2bn.org/events)
On the Internet there’s No Delete Button

This is the simple but powerful message from a slide that appears in every E2BN E-Safety presentation

Last term we looked at the statement ‘On the Internet there’s no such thing as privacy’ and asked what life would be like if every book and every page we read reported our reading habits back to its publisher. We then considered to what degree websites and online technologies are reporting our browsing habits to marketers, governments and service providers and what the implications are for our privacy.

This term we look at the idea that ‘On the Internet there’s no delete button’, consider the implications of the digital version of pens and pencils, and ask how we might moderate our behaviour if every scribble, note and doodle we penned were somehow permanent, indelible and endlessly replicable. What does it mean when there is no eraser, no crossing out and absolutely no delete button?

When our writing is going to be ‘published’, as this article is, we craft each sentence and polish each paragraph. We consider the impact of our words and are careful not to cause offence. Before we post that letter of complaint or submit that job application, we read, re-read, edit and proofread it.

We are perhaps a little less circumspect when we are writing to a single, known and intimate person. A kitchen table note to our partner saying there’s a casserole in the oven doesn’t require careful wording. And when we write for ourselves: a shopping list, a to-do list or aide-memoire we can, if we wish, ignore spelling and grammar conventions or can scribble and scrawl in our worst handwriting. Once these notes have served their purpose they are screwed up, consigned to the bin and forgotten.

But when we write online it’s all a little different.

Online, the act of publishing, sending or going public is quick. It’s ludicrously easy to write an angry email and press send and then, when our rage dissipates, to regret the strong words we used. Unfortunately, if you send from or to a webmail address, once the email is gone - it’s gone! Similarly, when we upload images and comments to social media sites the result is instantaneous. There’s no cooling-off period whilst we wait for the photos to come back from the developers or stroll down to the post box. Post online in haste and you’ll repent at leisure.

In the old days, the ability to make multiple copies of a document or photograph was limited; now things are infinitely replicable. Yes, there was carbon paper to make one copy & photocopiers to make dozens of expensive copies. Your local photography shop could make copies of photographs, even without the original negative, but it was all very time consuming and expensive. And whereas in the past few of us had unfettered access to the means of reproduction, now the world and his dog have the ability to make cheap, multiple hardcopies with a home printer and, even cheaper, electronic copies on a computer. Being able to create 50 birthday invitations or thousands of marketing fliers without having to involve typesetters, graphic artists and an industrial printing press is great, but the same technologies mean that there’s not one copy of that ill-judged drunken holiday snap or vitriolic diatribe against our boss but potentially millions! And how do you find and destroy a couple of thousand copies of your, now regretted, rant against society?

Then there’s the act of distribution. The discretion of a publishing house might well have limited our parents’ generation’s ability to achieve the wholesale transmission of salacious images, ill-advised works of fiction and libellous comments. Now we don’t need an editor to authorise a print run. We don’t need fleets of lorries delivering our tomes to the country’s bookshops. Social media lets you share photographs, comments and blogs with everyone.
Twitter is a fantastic tool for sharing links to online artefacts with your ‘followers’. Click the Like button on Facebook and alert your ‘friends’ to sites that you... well...like. Just remember all of your friends and followers can see your links and likes and so can the rest of us if your settings are set to public!

And what if you change your mind? What if you see the error of your ways or feel that the views you have expressed might not be appropriate to your new job, relationship or circumstances? Well obviously you can delete your tweets but they will still exist on your followers’ timelines. Yes you can delete your comments from your social network or blog. But how do you delete tweets that a follower has retweeted? How do you have your words removed from someone else’s Facebook page?

Virtual paper and virtual pens are not simply electronic versions of the physical articles. In the physical world, words are pretty easy to destroy: paper burns, pencil can be erased and ink washes away. My pen does not remember or store the words I wrote yesterday. In the virtual world, words are so much harder to obliterate. Virtual paper replicates, virtual pens remember, virtual ink is indelible.

Suddenly, that E-Safety presentation slide that says: “On the Internet...there’s no delete button!” doesn’t seem quite so bizarre does it?

Next time we investigate if your enemies really are watching!

Twitter is a fantastic tool for sharing links to online artefacts with your ‘followers’. Click the Like button on Facebook and alert your ‘friends’ to sites that you... well...like. Just remember all of your friends and followers can see your links and likes and so can the rest of us if your settings are set to public!

And what if you change your mind? What if you see the error of your ways or feel that the views you have expressed might not be appropriate to your new job, relationship or circumstances? Well obviously you can delete your tweets but they will still exist on your followers’ timelines. Yes you can delete your comments from your social network or blog. But how do you delete tweets that a follower has retweeted? How do you have your words removed from someone else’s Facebook page?

Virtual paper and virtual pens are not simply electronic versions of the physical articles. In the physical world, words are pretty easy to destroy: paper burns, pencil can be erased and ink washes away. My pen does not remember or store the words I wrote yesterday. In the virtual world, words are so much harder to obliterate. Virtual paper replicates, virtual pens remember, virtual ink is indelible.

Suddenly, that E-Safety presentation slide that says: “On the Internet...there’s no delete button!” doesn’t seem quite so bizarre does it?

Next time we investigate if your enemies really are watching!
Learning and Technology: The Future

E2BN Conference: 23rd - 24th June 2015

The Wyboston Lakes Executive Centre, Wyboston, Bedfordshire MK44 3AR

Audience: school and Local Authority staff, technical staff, school governors and all those interested in the future of learning through the use of technology.

Join a great two-day conference and exhibition to find out how technology can improve learning and teaching in your school. The conference focuses on the fantastic future that awaits us through the use of technology in the classroom.

During the two days you will be able to:

• Learn about the latest technologies and their impact in the classroom through a choice of 26 inspiring workshops
• Take advantage of a wealth of practical advice from around the region and beyond
• See examples of how innovation and best practice are improving education in schools across the region
• Benefit from great money-saving offers and conference discounts from over 70 exhibitors

For further information please telephone: 01462 834588

Book your place at: conference.e2bn.org