

Visible Learning

Going beyond the expected



The Education Fellowship

News about IT, computer science, online safety and all things educational.

Articles include Computing at Rushden Community College, Computer Science Roadmap, Edmodo at Desborough College, Digital Literacy at Thorplands Primary School, 3rd Millennium Teaching Toolbox, Free Computing Resources, Office 365, Buzz Teachmeet, Barefoot Computing, Computer Science at University of Oxford and Bletchley Park, Visible Learning website updates.

Digital Literacy at Thorplands Primary School

Last term, pupils at Thorplands Primary School worked hard to produce some e-safety posters and develop a school charter. Here are some examples of their work.



Computing at Rushden Community College

As part of the promotion of computer science and digital literacy at Rushden Community College, teacher Carl Brotherston has with the help of his teaching assistant arranged some inspirational displays around the school campus.



Edmodo at Desborough College

Last term, Desborough College conducted an Edmodo workshop run by staff who are using it effectively to support pupils. They had a mixture of new staff who registered for the first time, and "old hands" who were refreshing their memories.

Aine Kelleher, DT teacher and soon to be head of department, explained how she uses it with all her groups to post homework, mark, send revision notes, post photos of their work and to communicate with her exam groups at set times in the holidays to aid them with queries surrounding their revision.

Steve Hill, Head of Physics, explained how he uses it to communicate with sixth formers who collaborate with each other on problems. He is able to post help with exam questions. James McInerney, new Head of Sixth Form also spoke about how he uses it. They are considering allowing parental access.





3rd Millennium Learning Toolbox

Naace have kindly given us free access to their 3rd Millennium Learning Toolbox. This tool endeavours to get teachers and school leaders to see how technology makes outstanding teaching even more powerful. It also generates discussion about what the ICT investment priorities of the school should be. Please contact Albin if you would like a copy of the resources.



Free Computing Resources

Computing at School has produced two guides, one for primary teachers and another for secondary teachers, with the aim of developing teaching and learning of computing at Key Stage 1 and 2 for primary and Key Stage 3 for secondary. Both of these are on our Visible Learning website (<http://bit.do/digtech>)

We also have The Little Book of Programming challenges, which is twenty seven challenges designed to challenge and inspire students whilst helping them on their journey to becoming a 'computational thinker'.

The Python Beginners Workbook for secondary schools aims to provide a simple introduction for students to programming in the language Python. The book contains examples, tasks for students to complete and space for students to write their observations and answers to questions posed. The Python Quick Reference Guide is designed as a quick recall resource for students learning to code.

Please contact Albin for access to any of these resources.



Barefoot Computing

A big welcome to Georgie Lewis, the new IT coordinator at South End Junior Academy, and a thank you to her as well for introducing us to the Barefoot Computing website. You can access it free of charge at <http://barefootcas.org.uk/>

The Education Fellowship Computer Science Roadmap

Computer scientists within The Education Fellowship have developed a “roadmap” showing the recommended programming languages that may be taught at each level from year 6 onwards. Please contact albinwallace@educationfellowship.net if you would like to access any training or resources to help implement these in the new computing curriculum.

Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
Scratch					
	Kodu				
		Alice			
		SmallBasic			
			Python		
			Visual Basic		

Set up Office 365 on nearly any device.

Your Office 365 subscription covers multiple computers and devices, including your iPad®. Just sign in to Office, and documents, preferences and other settings follow you across your PC, tablet, phone, or the web, so you can always pick up where you left off.

1 Sign in to Office 365. Go to **Settings** ⚙️ > **Office 365 Settings** > **Software**.

2 Choose **Software > Phone & tablet**, and then choose your device

Computer Science at University of Oxford and Bletchley Park

The Education Fellowship computer science day at the University of Oxford is now confirmed for Wednesday May 13th. I will be in touch in due course with further details.

We will also be having a sponsored computer science day for year 6 gifted and talented primary school pupils at Bletchley Park during the spring term. More details to follow.

Visible Learning Website Update

- ✓ The Education Fellowship calendar is now accessible from <http://bit.do/tef>
- ✓ The Fellowship Read resources at <http://bit.do/pupils> and <http://bit.do/tefstudents>
- ✓ Teacherfirst resources at <http://bit.do/primaryteach> and <http://bit.do/secondaryteach>
- ✓ Science Buzz Teachmeet registration at <http://bit.do/teachmeet>
- ✓ Sixth Form 'Which University?' resource at <http://bit.do/sixthform>
- ✓ TAs Guide to Good Practice at <http://bit.do/pointsprogress>
- ✓ New computing resources at <http://bit.do/digtech>
- ✓ Academy Advisory Board resources at <http://bit.do/governors>
- ✓ New policies and supporting videos at <http://bit.do/policies>
- ✓ Safeguarding resources at <http://bit.do/safeguarding>
- ✓ Fellowship Council resources at <http://bit.do/democracy>
- ✓ Previous editions of Digital Technologies and Visible Learning newsletters at <http://bit.do/publications>
- ✓ Monthly video at <http://bit.do/monthlyvideo>



Last term, over sixty Education Fellowship teachers packed into a room at Rushden Community College for the inaugural Education Fellowship Buzz Teachmeet. The timing was perfect, with Associate Principal of the school, Ian Tucker, sharing the recent good news of the school's HMI monitoring visit. This was followed by high quality presentations from teachers at Wrenn School, Windmill Primary School, Thorplands Primary School and Risdene Academy on wide ranging teaching and learning topics including getting the curriculum right, social media, mathematics teaching, success criteria, and positive behaviour management. The key themes that emerged were consistency, striving for high standards and accountability and we were very proud of the way the teachers demonstrated their commitment to the achievement of students and also to the vision of The Education Fellowship. Further Buzz Teachmeets will be planned in the new academic year focussing on the teaching of science, grammar and computing as well implementation of the new curriculum, assessment and marking.

Our first Buzz Teachmeet this year will be at Wrenn School on Thursday, 16th October at 4.00 pm. The theme this time is Science. Any teachers who would like to present an idea at this Teachmeet should contact Albin. For further details and to register to attend please go to <http://bit.do/Teachmeet>