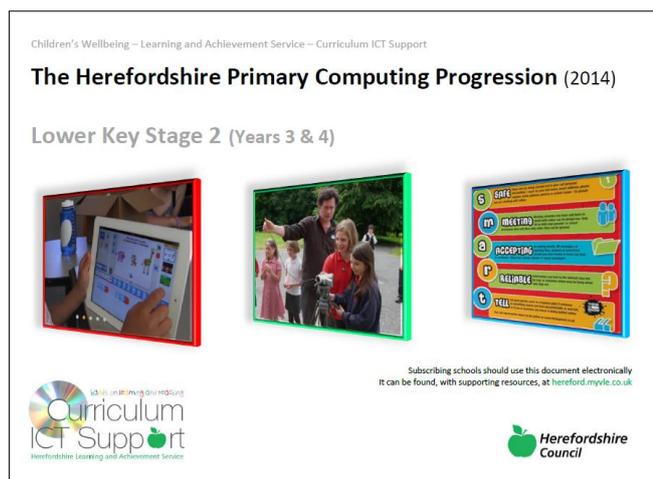


This newsletter contains links and is best viewed online. It is available at [hereford.myvle.co.uk](http://hereford.myvle.co.uk)

## Herefordshire Computing Progression 2014 is published



The Herefordshire Primary ICT Progression (2008) has been in use in most school in Herefordshire and adopted by many other local authorities (Lancashire, Worcestershire, Essex and Suffolk to name a few). We've receive quite a lot of enquiries from people asking if it's being updated. Jo and I have been doing exactly that over the past year with a period of very intense activity through the summer break and after much painstaking work we are delighted to announce that it's now ready.

We think that schools will find this a really useful resource. It goes further than the old ICT Progression by signposting readymade lessons and resources that are freely available on the internet for teachers to use as well as providing guidance on the programme of study, a series of progression statements for each strand and some early help on assessment of computing (though there is still a journey to travel here!). There is also the usual range of supporting templates and resources for planning and resourcing of computing in your school

These materials are part of our on-going commitment and support to the schools and academies that buy into our service level agreement and we've sent copies out to computing coordinators in those schools. They (and future updates) will also be found at [hereford.myvle.co.uk](http://hereford.myvle.co.uk) (you will need your school's username and password, please [contact us](#) if you've forgotten it). If your school does not buy our support through our SLA you can buy into these materials for a one off payment of £300 (including the introductory staff meeting).

There's a lot to get to grips with and to start that process we'd love to come in and work with you in a staff meeting to give you an overview of how the materials work and to start the process of embedding it properly in your school. Please [contact us](#) to arrange that.

## Courses

The switch from ICT to computing brings with it a pretty big training need. The computer science strand

Herefordshire  
Workforce Development



in particular is quite daunting if you've not really been teaching much programming in the past. We have a comprehensive programme of course on offer to help address these needs. Please remember that we are happy to bring any of this training to your school as staff meeting slots (though we obviously can't fit a whole three hour course into a staff meeting). As always, details of courses can be found at [herefordshirecpd.co.uk](http://herefordshirecpd.co.uk). Don't forget that you can setup email alerts to be notified when computing courses are announced (go to *my CPD online – update my email alerts*) All courses are FREE OF CHARGE for schools buying into our support and usually £65 (half day) for others. Here are the courses currently running in the autumn term, they all at Holmer CE Academy unless otherwise stated:

GENERAL / COMPUTING COORDINATOR
Primary Computing Coordinators' Autumn Conference (focus is the new Herefordshire Computing Progression materials, Purple Mash and J2E) Tuesday, 16 <sup>th</sup> September 13:00 – 16:00
So now I'm the Computing Coordinator – what should I be doing? Tuesday 7 <sup>th</sup> October 13:00 – 16:00
Thinkuknow Introduction course (CEOP E-safety Training) Monday 10 <sup>th</sup> November 09:30 – 12:00
Computing in Herefordshire Primary Schools for NQTs and teachers new to Herefordshire Tuesday 23 <sup>rd</sup> September 09:30 – 12:00
iPad user group Tuesday 4 <sup>th</sup> November 09:30 – 12:00
COMPUTING CURRICULUM – COMPUTER SCIENCE
How to be a Computer Science Teacher at Years 3 and 4 (PC and iPad) Monday 15 <sup>th</sup> September 13:00 – 16:00 SCH14/070
How to be a Computer Science Teacher at Years 5 & 6 (PC and iPad) Tue 23 <sup>rd</sup> September 13:00 – 16:00 SCH/14/71
Programming with Scratch at KS2 Tue 18 <sup>th</sup> November 13:00 – 16:00 SCH14/77
COMPUTING CURRICULUM – DIGITAL LITERACY
Using Clicker 6 to support writing in the primary classroom Tue 30 <sup>th</sup> September 09:30 – 12:00 SCH 14/109
30 children, 1 iPad; what can I do with that then? (all phases) Tue 14 <sup>th</sup> October 09:30 – 12:00 SCH 14/110
Using iPads in English teaching (all phases) Tue 21 <sup>st</sup> October 09:30 – 12:00 SCH 14/111
Garage Band in the primary classroom (iPad) Tue 11 <sup>th</sup> November 13:00 – 16:00 SCH 14/112
iPads in the Early Years Monday 20 <sup>th</sup> October 13:00 – 16:00 SCH14/080

## Loan resources

Now is probably a good time to remind you that we have built up several expensive collections of resources for schools to use. The point of this is so that schools can easily get their hands on the kit they need to do whole class activities involving some of the aspects of computing that would otherwise be impossible. The new computing and D&T programmes of study require children to be writing programs to control models they have made. This is a very expensive area to resources and we have several class sets of a couple of solutions for this:

**LEGO Education WeDo:** [www.education.lego.com](http://www.education.lego.com)



A really cool way into the world of control and the great news is that Scratch has extensions that mean that a model can be controlled in Scratch. As well as a comprehensive selection of bricks each kit comes with a motor, a tilt sensor and a distance sensor. We can let you have a class set of 15 kits so you (or we if you want us to come and support it) can lead a whole class session with children working in pairs. [More here on using Scratch with WeDo.](#)

**FlowGo control interface and Go or Flowol software:** [www.dataharvest.co.uk](http://www.dataharvest.co.uk)



A tried and tested solution for control technology. We can let you [have a class cart of kit](#) which has 6 control interfaces (allowing 6 groups) and a whole load of inputs (switches, light sensors, magnet switches etc) and outputs (LEDs, buzzers, motors etc) with leads attached that can be used on the children's models (as long as you take them off afterwards). We also have some [K'NEX kits](#) already assembled into fairground models if you prefer to work with something already constructed.

We also have a large number of data loggers and several sets of child friendly video cameras.

## Scratch Junior

Hot off the press and long awaited! This is a beautiful programming environment aimed at KS1. It's a cut down version of Scratch (strongly recommended as the main programming tool at KS2). Currently it's only available as an iPad app but an Android version is expected later this year with a web based version (and therefore available for all computer platforms) promised for 2015. Scratch Junior contains all the functionality you will need (and more besides) for KS1 but the whole Scratch environment has been tweaked to make it more accessible. Features such as sprites reappearing on one side of the screen when they disappear off the other are typical of the changes to make programming easier. There is already a great set of lesson resources appearing at [www.scratchjr.org](http://www.scratchjr.org)



## EYFS meeting about observation apps - 9<sup>th</sup> October – 4.00 – Holmer CE Academy



There are a number of iPad apps available to record progress and learning journeys in the EYFS and we felt it would be helpful to do a bit of an audit of these. We have arranged a meeting at as above. The agenda is quite open and this is really an opportunity to come and talk about a solution you have been using that you would recommend, or to listen to experienced users before trying one yourself. Book a place in [CPD online](#) (Event 14/132) – no charge.

## CAS support group meeting – 17<sup>th</sup> September



[Computing at School \(CAS\)](#) is one of the main organisations supporting schools with the change to the computing curriculum. Part of their work involves setting up support meetings of interested teachers around the country. A new “Wye Borders” group is starting up and their first meeting takes place at [Monmouth School](#) on Wednesday 17<sup>th</sup> September at 4.15. To book a place: [caswyeborders@computingatschool.org.uk](mailto:caswyeborders@computingatschool.org.uk)

## Ross-on-Wye Apple Regional Training Centre.

We are delighted that Walford Primary School has been successful in achieving regional training centre status from Apple. This is a direct result of the hard work of the staff and pupils, especially Claire Weyman the computing coordinator and recognises the role that Apple technology plays in learning there. As an RTC they have a CPD program, much of it free of charge. More information was sent out with this newsletter and more information is available [by email](#).



## EducationCity.com update – Thursday 23<sup>rd</sup> October, 4.00 – Holmer CE Academy



If you've taken a look at EducationCity.com lately you will have noticed that it's looking a little different. V2 was launched this month and delivers EducationCity's engaging content via a new platform with a refreshed look, simpler navigation and improved features. You can use EducationCity anytime, anywhere on various devices including whiteboards, laptops and mobile devices using Puffin Academy. Kieran Dwyer (EducationCity.com) will be in Hereford to lead you through the new product on Thursday 23<sup>rd</sup> October, 4.00 at Holmer CE Academy. Book a place in [Herefordshire CPD Online](#) (code 14/133)

## Contact details - we are:



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