

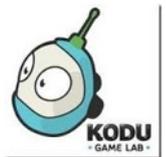


123ICT

ICT Support for Oxfordshire Primary Schools



123ICT Competition - Spring Term 2015 Create a Digital Game



Calling all Key Stage Two Coders!

**Your chance to win a brand new Apple iPad Air 2,
or a Free Pupil Workshop for your School**



As learning to code is an important part of the new Computing Curriculum, we thought that it would be good if our competition for Terms Four and Five was to create a simple digital game. This was a very popular competition last year; but, as coding had only just recently been introduced at that time, we limited the entries to only those using the excellent free programming application *Scratch*. This year, we have decided to expand the competition and, in addition to *Scratch* entries, we also welcome entries that have used other applications such as: *Kodu*, *2Simple2Code* and *Hopscotch* for iPads. We feel that this competition provides an excellent opportunity for children to further their programming ability and that it will also, hopefully, ignite their digital creativity. The competition, this time, is for Key Stage Two children only and, in addition to providing a vehicle for them to create an enjoyable digital game of their own, it will also allow them to further hone their program writing and debugging skills.

The winning school will receive a brand new Apple iPad Air 2, kindly donated by XMA Ltd.



The runner up school will receive a free **123ICT** pupil workshop.

All entries will be published on our website <http://www.123ict.co.uk> and notification of the winners will also be sent to our schools during Term Six.





Suggested Software

The following software is suggested for this competition; however, if you have any other programming software in school and would like to use it, please let us know at competitions@123ict.co.uk and we will try our utmost to accommodate you.



Scratch. With *Scratch*, the excellent free programming software, you can program your own interactive games using its easy to use drag-and-drop, block-based, language and you can also share your creations with others in the online community. To inspire you and help you to create your own game, *Scratch* has eight example games already built in: Guessing Game, Pacman, FishChomp and Pong, to name but a few. You may want to use one of these examples as a framework for a game; simply by changing the example's scripts, sprites and backgrounds you could personalise the game to make it your own. Of course, If you wish, you can also create your own game without adapting any of the examples. For further inspiration, more examples of games created using *Scratch* can be found on the *Scratch* website: <http://scratch.mit.edu/>. You could also have a look at last year's fantastic entries on our [website, 2013-14 Competitions page](#). Submissions should be e-mailed as attachments to competitions@123ict.co.uk



2Simple 2Code. This software has been recently introduced as part of the 2Simple *Purple Mash Suite*. It is similar to *Scratch* in that it uses a *2Code* drag-and-drop block-based language. Submissions to be e-mailed as attachments to competitions@123ict.co.uk



Hopscotch for iPads. *Hopscotch* is a programming application designed for iPads. It is similar to *Scratch* in that it uses a drag-and-drop block-based language. Completed projects can be uploaded to the *Hopscotch* on-line Community and then shared. This App is free and can be downloaded from the App Store. Competition submissions are to be sent by uploading them to the *Hopscotch* Community. Then, a notification e-mail - detailing the projects name and author - is to be sent to competitions@123ict.co.uk



Kodu. *Kodu* is an excellent free software package for learning the basics of programming and game development. Building programs with *Kodu* is done visually and the children can create a game with *Kodu*, while developing their skills in programming, logic and mathematics. Submissions to be e-mailed as attachments to competitions@123ict.co.uk

Competition Guidelines

- The competition is intended for Key Stage Two children, including age appropriate entries from special needs schools.
- Each **123ICT** school is entitled to submit one entry per year group to the competition.
- There will be a brand new Apple iPad Air 2, kindly donated by XMA Ltd, for the first place entry and a **123ICT** workshop, of the school's choice, for the runner up.
- As usual, judging of all entries for our competitions will be carried out by the **123ICT** team, calling upon any additional expertise necessary to assist in that judgement.
- The winning entries, along with all other submissions, will be published on our website <http://www.123ict.co.uk> and notification of the winners will also be sent to our schools during Term Six.
- Entries should be submitted - as detailed above, according to the software used - to competitions@123ict.co.uk. A reply e-mail will be sent to all submitting schools to confirm receipt.
- Closing date: no later than **Thursday 21 May 2015**

Should you have any further questions regarding the competition, please e-mail them to me at the above competitions address or speak to your **123ICT** Consultant who will be happy to assist you.



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