

## The Herefordshire Primary Computing Progression: Recommended iPad Apps

If you've looked in the iPad App Store you'll know that there's a bewildering array of apps available. This list attempts to identify a few tried and tested ones that work in primary schools. The list is also about identifying core, open ended, creative, productivity apps that support the computing curriculum (organised to match headings in the Herefordshire Primary Computing Progression). The IT strand comes first because that's where the best gains are with iPads.

A shaded background in the description column indicates what we consider to be the core apps for this particular area. If there is a white background these apps are nice to have.

In addition to the apps listed here there are, of course, thousands that are great for supporting discrete aspects of primary curriculum. A great place to begin looking for such apps is [apps4primaryschools.co.uk](http://apps4primaryschools.co.uk), but you'll find plenty of other places. Another useful site is [graphite.org](http://graphite.org), particularly if you'd like to see a quality review of an app. But don't get carried away – you'll fill up your iPad.

Don't forget that Apple's volume purchasing agreement means that once you buy 20 copies of most apps the price drops by half. For more information on anything below, click on the app icon and you'll be taken to the iStore where you can read the official blurb and, if you're on an iPad / iPod / iPhone, download the app.

Information Technology: Multimedia - Text & Design	
	<p><b>Pages (free)</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>This is the app version of Apple's main word processor with parallels to Microsoft Word. Most things are possible as well as a vast array of sharing options. Free for all iPads registered after 09/2013. £6.99 for older iPads.</p>
	<p><b>Book Creator (£3.99 [free version not good enough])</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>A fantastic app for primary use. Children can easily create and share (via iBooks) a simple or much more complex book which immediately looks professional. Multimedia elements can be included easily. Comic style books can also be created. Sharing options are great (including as a video) and as an added bonus you can combine books.</p>
	<p><b>Key Note (free)</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>Key Note is the Apple equivalent of Microsoft's PowerPoint and is part of the Apple iWork suite. Well worth having. Free for all iPads registered after 09/2013. £6.99 for older iPads.</p>
	<p><b>Popplet (£3.99)</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>A good planning tool. This app produces mind maps. It's good on an interactive whiteboard as a collaborative tool. The paid for version allows for collaborative editing of a single "popplet" on multiple iPads, also allows more than one file to be on the go. Popplet Lite is available for free but very limited</p>
	<p><b>Explain Everything (£4.49)</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>This is intended as an interactive whiteboard tool. It allows users to record almost anything and share it (text, annotations, sound, video, images ..) It's also a great tool for capturing explanations, working methods, thinking etc from children. Recordings can be easily shared online.</p>
	<p><b>Show Me (free)</b> <span style="float: right;">☑ EYFS   ☑ KS1   ☑ KS2</span></p> <p>Fulfils the same purpose as Explain Everything (above) but with more limited functionality (therefore quite a good starting point). Finished recordings can be saved online (not to the camera roll) and shared once you've created an online account.</p>

## Information Technology: Multimedia – Painting | Drawing | Photo editing

	<p><b>Doodle Buddy (free)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✘ KS2</span></p> <p>A good free app a fairly basic drawing / painting tool, includes different pen effects, stamps and some rather fun stencils. Backgrounds can also be used, either from the range of effects built into the app or from the iPad's camera roll.</p>
	<p><b>Brushes (free)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✘ KS2</span></p> <p>A great universal painting app used in many schools. Has an impressive array of features for a free app and has been designed exclusively for iOS. Painting is smooth and responsive — even with huge brush sizes. Brushes also records every step in your painting.</p>
	<p><b>SketchBook Express (free)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>A high powered app for KS2, it pretty much takes up where Doodle Buddy (above) leaves off. It has a good range of drawing tools and supports layers. Not for the feint hearted though!</p>
	<p><b>Pic Collage (free)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>A lovely app that will allow you to combine pictures from the camera roll into beautiful displays. It's possible to add text and annotations as well as "stickers" so it's really a simple DTP app. A great way for children to record findings etc. Also works with video</p>

## Information Technology: Multimedia - Animation

	<p><b>I can animate / Animate it (£2.29)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>The cross platform software of the same name is a tried and tested stop frame (3D) animation tool that has been used in primary schools for years. This is a cut down version of it for the iPad. It works well, though the challenge is to keep the iPad still. (<a href="#">Animate it</a> is exactly the same app in different clothing)</p>
	<p><b>Puppet Pals HD Director's Pass (£2.99)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>A great tool for creating 2D animations. Children place characters or themselves into situations using backgrounds in the app or captured using the camera. They then act out their scene with speech all of which is recorded. There is a free version of this app but it's far too limiting and should be avoided.</p>
	<p><b>My Talking Pet (£1.49)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>Animate any photograph. Record speech to make your character talk. Finished products can be saved to the camera roll and then imported into other video projects etc. Great for brining historical or story characters to life. Free version doesn't save (so no use).</p>
	<p><b>Tellagami (free or £3.99 for the Edu version)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>Choose a male or female character, select clothing and expression then record or type an audio track and your character comes to life and speaks. Schools are finding this app particularly useful for book reports, when used with Aurasma. The free version is pretty good, the "edu" version contains a bit more.</p>
	<p><b>Story Studio (Sainsbury's) (free)</b> <span style="float: right;">✔ EYFS   ✔ KS1   ✔ KS2</span></p> <p>Originally brought out alongside Sainsbury's 2016 Christmas advert. This is an excellent little app that will allow you to animate all kinds of things (not just the ad. Characters). It replaces LEGO Movie Maker in this list which has disappeared from the app store (still fine though if you have it)</p>

## Information Technology: Movie Creating Editing

	<p><b>iMovie (free)</b> <span style="color: red;">❌ EYFS</span> <span style="color: green;">✅ KS1</span> <span style="color: blue;">✅ KS2</span></p> <p>A cut down app version of the classic Apple video editor. Packed with features and the obvious choice as a movie editor. The iPad is an ideal video editor for quick and easy movies. Footage captured by the camera (and stills) goes straight into iMovie. Free for all iPads registered after 09/2013. £2.99 for older iPads.</p>
	<p><b>Green Screen (£2.29)</b> <span style="color: red;">✅ EYFS</span> <span style="color: green;">✅ KS1</span> <span style="color: blue;">✅ KS2</span></p> <p>A really easy to use green screen app. Green screening involves filming against a green background which is then removed and replaced with something else (moving or still) placing the subject of your film anywhere. This app looks very much like iMovie and is therefore easy to get to grips with.</p>

## Information Technology: Multimedia -Sound | Music composition

	<p><b>Garage Band (free)</b> <span style="color: red;">❌ EYFS</span> <span style="color: green;">✅ KS1</span> <span style="color: blue;">✅ KS2</span></p> <p>A stunning app and worth every penny. The number one app for music composition. Children can easily create music with little understanding, at the same time it can be used to teach music at a sophisticated level. It's also good for podcasting (with a few easy tweaks). Free for all iPads registered after 09/2014. £2.99 for older iPads.</p>
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## Digital Literacy: Data handling – spreadsheets | surveys | graphing | data logging

	<p><b>Numbers (free)</b> <span style="color: red;">❌ EYFS</span> <span style="color: green;">❌ KS1</span> <span style="color: blue;">✅ KS2</span></p> <p>Numbers is a spreadsheet app - Apple's equivalent to Microsoft's Excel and the app is specifically designed for a tablet, of course. An essential app for KS2 especially now that it's free. Free for all iPads registered after 09/2013. £6.99 for older iPads.</p>
	<p><b>Easy Chart HD (£0.79)</b> <span style="color: red;">❌ EYFS</span> <span style="color: green;">✅ KS1</span> <span style="color: blue;">✅ KS2</span></p> <p>A simple graph (chart) creating app. Exports graph to camera roll for use elsewhere. Creates bar, line, pie and sidebar charts.</p>

## Computer Science: Programming

	<p><b>ScratchJr (free)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p><a href="http://www.scratchjr.org">www.scratchjr.org</a> Aimed at KS1 and a lovely programming environment which includes a subset of commands from Scratch (its older and bigger brother) that are just right for KS1 and even lower KS2. The web link given here is to a website for education professionals where some learning and teaching resources are already appearing.</p>
	<p><b>Bee-Bot (free)</b> <span style="float: right;">☑ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☒ KS2</span></span></p> <p>A free app from TTS. There are 12 mazes of increasing complexity around which children write programs to program the bee-bot. Points are given as they do so. A must for all EYF and KS1 children. Ideally children will have had experience of programming a bee-bot in real life before or alongside this. Bee-Bot Pyramid takes this on further into an Ancient Egyptian setting again with 12 mazes.</p>
	<p><b>Daisy Dinosaur (free)</b> <span style="float: right;">☑ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☒ KS2</span></span></p> <p>A great little app for EYFS and KS1. Best to use it in <i>challenge mode</i> first where five simple challenges teach children how to use it. After that, <i>free-play mode</i> allows them to set their own challenges. Based on simple Logo programming and great for EYFS / KS1</p>
	<p><b>Tickle (free)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>A good KS 2 app for coding. Looks very like Scratch and it's capable of controlling a number of controllable robots, drones etc.</p>
	<p><b>Tynker (free)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>Rather like Tickle, above but extends to a higher level. Based on Scratch and supports a range of programmable robots and drones. There is a very comprehensive scheme of work etc which comes at great (and probably prohibitive) cost but the free app itself, without that is still very useful.</p>
	<p><b>Pyonkee</b> <span style="float: right;">☒ EYFS <span style="color: green;">☒ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>If you were designing a programming interface for iPad from scratch you wouldn't design this. But actually it has been designed from <i>Scratch</i> and looks just like Scratch does on a computer. It is therefore useful if you no longer have many computers in school and you know and like that environment.</p>
	<p><b>Hopscotch HD (free)</b> <span style="float: right;">☑ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>Inspired by MIT's Scratch. Program your own games, animations and apps. A follow on from Daisy the Dinosaur. Has lots of nice features but takes some getting into.</p>
	<p><b>Kodable (free)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>Kodable is a free educational iPad game offering a child-friendly introduction to programming concepts and problem solving. For ages 5 and up, and tools for grownups too! In the latest version teachers can create account for children</p>
	<p><b>A.L.E.X. (iPad app - free)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>A fun puzzle game and a great way to train your brain. A.L.E.X. helps you think and plan logically as you program your robot, A.L.E.X., with a sequence of commands to get through a series of levelled challenges. The lower levels of the games are suitable for children as young as six and the game is enjoyable for adults too!</p>
	<p><b>Light-bot (£2.29)</b> <span style="float: right;">☒ EYFS <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></span></p> <p>Light-bot lets players gain a practical understanding of basic control-flow concepts like procedures, loops, and conditionals, just by guiding a robot with commands to light up tiles and solve levels.</p>

**Workflow / File sharing / Classroom management / Misc.**

	<p><b>Showbie (free)</b> <span style="color: red;">☒ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>A really easy way of dealing with workflow in the classroom. Teacher uploads content, children easily join your “class” open your files edit / annotate them, teacher “marks” them and sends them back. Totally cross platform, children can login at home etc. It’s free to use at a basic level (quite expensive for more functionality but you should probably look to Google Apps for Education when you need more).</p>
	<p><b>Google Drive (or other cloud storage app )(free)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>Cloud storage from Google. An easy way to share files between and from iPads (create a free Google account, login to that account on all iPads and you have a shared drive. Because it’s cross platform and web based you can drop files there / take them off on any computer (anywhere).</p>
	<p><b>Seesaw (free)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>This is a great platform to allow children to compile and share their own learning journal or digital portfolio with the class (and parents if you wish) through a self-contained class blog. It’s totally free (unless you want to pay for some of the more advance features). There is a parent app too. Everyone should use this!</p>
	<p><b>Nearpod (free)</b> <span style="color: red;">☒ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>Take a PowerPoint presentation and push it out to the iPads in front of the children. You control movement through the pages but they interact with some pages which you can create to contain questions, text pages, drawing etc which they complete and send back to the teacher. Great for assessment. Other solutions exist (including a promising one from Promethean still being developed)but this is a good place to start for now.</p>
	<p><b>iTranslate (free and priced)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>There are various versions of this, offering different functionality. It’s worth typing “iTranslate” into the app store and considering what you need for your children. Great for EAL etc.</p>
	<p><b>Epic Citadel (free)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>The only content heavy app in this list, but wow, what content! Great for activities in Literacy / History if the context fits. We’ve used it a lot in introductory training. It’s the beginnings of a game, but no game, no characters, just signs of them... You just walk around, be amazed, take screenshots... just the beginning! Search the internet to see what other schools have done with this app</p>
	<p><b>Aurasma (free)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>Enter a whole new world of augmented reality! This app allows you to capture an image and link it to a video file (ideally) that you have created and uploaded. When the user captures the image on their iPad or iPhone using the Aurasma app the image comes to life.</p>
	<p><b>Zookazam (£0.79)</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>An amazing app that’s recently been improved immensely (iOS version). It uses augmented reality to bring a whole range of animals into your own environment. They are presented in fantastic detail and are animated. A great trigger for conversation and learning (there are more spoken details in the app too. Amazing value!</p>
	<p><b>QR Reader for iPad (free) – or similar</b> <span style="color: red;">☑ EYFS</span> <span style="color: green;">☑ KS1</span> <span style="color: blue;">☑ KS2</span></p> <p>A QR (quick response) code and bar code reader / creator. There many others in the app store. A cool way of getting your video, audio, game files across to your audience, creating treasure hunts ....</p>