



## Resources for Classroom Technology

### Interactive Whiteboards:

#### **Promethean Planet:**

[www.prometheanplanet.com](http://www.prometheanplanet.com)

#### **Smart Education:**

[www.education.smarttech.com](http://www.education.smarttech.com)

### iPad Apps for teachers:

**iMovie:** add video, photos, music and sound effects and trim the length of any clip.

**Creative Book Builder:** add paragraphs, images, videos, audio recording and links, then preview in iBooks.

**GarageBand:** turns your iPad into a collection of touch instruments and a full-featured recording studio.

**Explain Everything:** easy-to-use design tool that lets you annotate, animate and narrate explanations and presentations.

**Sketch:** use shapes, arrows, sketches and text annotation on photos, screenshots, maps and web pages then share them.

**I Can Animate:** capture frames using the in built camera, preview whole projects and then add to an iMovie project for a really polished movie.

### Coding and Technology:

#### **Raspberry Pi:**

[www.raspberrypi.org](http://www.raspberrypi.org)

#### **Google's Made with Code:**

[www.madewithcode.com](http://www.madewithcode.com)

#### **MIT Scratch Team:**

[www.scratch.mit.edu](http://www.scratch.mit.edu)

## Technology in the classroom

According to Cathy N. Davidson, co-director of the annual MacArthur Foundation for Digital Media and Learning Competitions, 65 percent of today's school age children may end up working in careers that haven't yet been invented.

At TimePlan we believe that teachers must prepare students for this emerging world of new technology. Incorporating technology into the classroom has proven benefits, especially when it comes to personalised learning. From Interactive white-boards through to products that personalise the learning experience for students. These benefits in understanding free up time in the classroom so teachers can focus on skills like problem solving, character development and critical thinking.

### Interactive Whiteboards

Interactive whiteboards are designed to help teachers focus attention and provide a platform to boost the interactivity of their lessons. Because each classroom is unique, Interactive whiteboard systems are available in a wide variety of configurations, enabling teachers to tailor the right solution to accommodate their needs.

TimePlan offers comprehensive interactive whiteboard technology training sessions, providing in depth information to help develop teachers proficiency and confidence in using whiteboards in the classroom. Promethean Planet is a unique teaching, sharing social forum for teachers, where you can create lesson plans, gain resources and design creative professional interactive slide shows using Activespire.

### iPads

The introduction of the iPad, with its easy to manipulate touch screen technology, has allowed even very young children to take advantage of a computer. Its portable format and fast load-up time has made it possible for them to be used easily in the classroom.

The iPad has extremely easy access to AV tools (camera, video and voice recorder) which can be used creatively across countless number of apps. These AV tools mean that the iPad has endless possibilities to be used creatively in any subject in the school curriculum, it just needs imagination.

### Programming Basics

We live in a society where everyone uses a mobile phone or a computer, with most using both. Today's students live in a very different world than their parents did as children. Today's world is full of web services – YouTube, Netflix, and Facebook are all a key part of a child's daily life.

Learning how to program is like learning any other language. The difference, of course, is that programming can be much more powerful. With just a computer, kids can use the skills they learn to build something that might change the world.

### The Future

In the future, the amount of technology and our reliance on it will only increase. The students of today need to be able to not only consume this technology, but to understand and control it.

With technology changing so quickly it is certain that the opportunities for education are enormous. Teachers who embrace technology can certainly benefit by being able to offer more engaging lessons to their technology-savvy students.



## Resources for online safety

**NSPCC:**  
[www.nspcc.org.uk](http://www.nspcc.org.uk)

**Kidsmart:**  
[www.kidsmart.org.uk](http://www.kidsmart.org.uk)

**Think You Know:**  
[www.thinkuknow.co.uk](http://www.thinkuknow.co.uk)

**Kids rules for online safety:**  
[www.safekids.com](http://www.safekids.com)

**Child Exploitation and Online Protection:**  
[www.ceop.police.uk](http://www.ceop.police.uk)

**Get Safe Online:**  
[www.getsafeonline.org](http://www.getsafeonline.org)

**Safe Network:**  
[www.safenetwork.org](http://www.safenetwork.org)

## Recommendations:

TimePlan encourages their teachers to complete the e-learning for professionals course:

Keeping Children Safe online (KCSO):  
[www.thinkuknow.co.uk/Teachers/KCSO/](http://www.thinkuknow.co.uk/Teachers/KCSO/)

This course will help you understand how children use the internet and other digital technology. It's a joint initiative between the NSPCC and the NCA's CEOP command, aimed at any organisation or professional working with children. It aims to help teachers consider the issues that young people face online and to prepare them for the challenge of protecting and educating their students. They do this by reviewing the provision that schools have put in place and signposting teachers towards further help, support and advice.

TimePlan provides a toolkit for their teachers to use when addressing any issues and ultimately recommends teachers use the CEOP's reporting site when required:

[www.ceop.police.uk/Ceop-Report/](http://www.ceop.police.uk/Ceop-Report/)

## Online Safety

The internet and other digital and information technologies are powerful tools, which open up new opportunities for everyone. Electronic communication helps teachers and students learn from each other. These technologies can stimulate discussion, promote creativity and create awareness of context to promote effective learning. Students with internet access are more confident and have been shown to produce better researched, more effective and well presented projects.

The requirement to ensure that children and young people are able to use the internet and related communications technologies appropriately and safely is addressed as part of the wider duty of care to which all who work in schools are bound. A framework of internet safety policies can help to ensure safe and appropriate use. The development and implementation of such strategies should involve all the stakeholders in a child's education from the headteacher and governors to the senior management team and classroom teachers, support staff, parents, and the pupils themselves.

TimePlan recommends that, as a minimum, schools have an acceptable use policy in place to protect the interests of both pupils and staff, and that this is at the heart of practice. This should be linked to other mandatory school policies: child protection, health and safety, home-school agreements, and pupil discipline (including the anti-bullying) policy. Whilst this document looks to give guidance to TimePlan Teachers, we would always expect our staff to request the acceptable use policy from the schools they are working in.

TimePlan recommends that internet safety policies be regularly monitored and reviewed, and all staff should be aware of the appropriate strategies they should adopt if they encounter problems. Additionally, all school staff have a duty to ensure that pupils using ICT, in any context, are reminded about appropriate behaviour on a regular basis.

## Reporting concerns

Ofsted defines e-safety as: "The school's ability to protect and educate pupils and staff in their use of technology and to have the appropriate mechanisms to intervene and support any incident where appropriate."

All teachers have a duty of care to the pupils they teach and are legally responsible for all aspects of pupil safety, including online safety, whilst in school. Any activity involving internet use needs to be carefully planned and assessed for risk to minimise the possibility of an e-safety incident.

If a child points out inappropriate, bullying or illegal content, teachers should be aware of the procedures to report and remove the offending content. You should familiarize yourself with the school's procedure for reporting e-Safety concerns (such as breaches of filtering, cyberbullying, illegal content etc). All concerns should be discussed with an e-safety officer.

The Designated Safeguarding Officer should be informed immediately of any e-safety incidents involving Child Protection concerns, which will then be escalated appropriately following the school policy and procedures.

Teachers working for TimePlan are encouraged to visit the Child Exploitation and Online Protection Centre website, register and read through the Thinkuknow programme which provides a range of free educational resources - films, lesson plans, presentations, practitioner guidance, games and posters - to professionals working with children and young people. Through the use of these educational materials a teacher can help to empower and protect young people from the harm of sexual abuse and exploitation, both online and off.

<https://www.thinkuknow.co.uk/Teachers/>