

ARCHBISHOP TEMPLE SCHOOL



One-to-One Project

This document contains answers to a range of Frequently Asked Questions about the one-to-one scheme. Questions are grouped under the following subheadings:

- I. Financial Arrangements
- II. Safeguarding
- III. Teaching & Learning
- IV. The Device
- V. Behaviour Management
- VI. Infrastructure
- VII. Implementation

(I) Financial Arrangements

Q1) What are the principles of the one-to-one iPad scheme?

We have looked very carefully at the options for the one-to-one iPad scheme and aim to propose a solution that delivers the following objectives:

- a) Fairness – we want all students to benefit from the iPads, regardless of financial circumstances. We hope that all parents who are able to contribute will do so.
- b) Sustainability – we want a scheme that will be sustainable for the school in the light of tough budgets ahead.
- c) Affordability – we want the monthly donation to be as low as possible. Investing in the project will mean that your child can use the same mobile technology at school and at home with access to the same resources.

The school will take full responsibility (insurance, maintenance, software, replacement) for all the supporting costs relating to the device.

The school cannot provide a true 21st Century education until every child can access their learning resources wherever they want to learn. Research has confirmed that good home access to technology has a positive impact on a child's educational results; it often motivates them to do their schoolwork, their work is better presented so their self-esteem grows, and they can explore subjects that interest them in their own time.

Q2) Can we buy our own iPad independently rather than join the scheme as costs are significantly more?

Yes but this is not just about the price of an iPad. The one-to-one programme we are providing will involve a device that is fully insured and with a warranty. It will have all the software that your child will need and we will provide technical support during school hours. Your child will have access to learning resources on the Archbishop Temple Firefly and we will provide facilities for families to come and update their own ICT skills.

These devices can be used at school during the day as well as at home in the evenings and at weekends. In contrast, personally owned computers cannot be connected to the network at school or supported by our technical team, and to purchase the educational software we use would incur further costs. You would also be responsible for insuring your device against damage, loss or theft. You can purchase outright the same insurance cover being included in the monthly contribution scheme where you personally own an iPad under 12 months old. This would be your expense.

While we would encourage all families to take part, it is your right to choose not to do so. Please be fully aware, however, that by opting out your child will not be provided with their own device to take home. We will try to ensure that your child has access to a device in the classroom to support their learning but this may involve them sharing school owned devices with other pupils who are not part of the scheme.

Q4) Who owns the devices?

The devices are the property of the school for the next three years. At the end of the programme we will transfer the title of ownership of the devices to yourselves.

Q5) What happens if the device gets damaged or stolen?

The devices will be fully insured for accidental damage and theft providing they are treated appropriately and remain in the case provided. As part of the programme all pupils will be signed up to an Acceptable Use Policy, which will outline to pupils how to care for their iPad and ensure all pupils are familiar with how to use them appropriately.

Q6) What happens if I can't make the regular donations?

No child will be excluded from the programme because of their financial circumstances so please come and talk to us so we can ensure your child is included.

Q7) How much do we need to donate?

We ask that you make a donation of £13.65 a month over 36 months. In return your child will receive a new iPad plus case, wall charger, full insurance against damage, theft, all software and applications needed, and technical support during school hours.

Q8) Why should I donate if others don't?

We will only run this programme if parents want it and are prepared to contribute. While a small number of families in difficult circumstances can be accommodated, unless there is widespread support for the programme then the school will not be able to provide it to your children.

(II) Safeguarding

Q9) How can you make sure that students are safe?

We will create an Acceptable Use Policy to ensure all pupils adopt a safe and sensible approach to using the device. A series of assemblies and guidance sessions will be organised to ensure all pupils are aware of this policy and are aware of how to use their device appropriately. Throughout the year in lessons we will provide best practice advice for our students on how to take care of your iPad. There will also be CEOP assemblies.

In addition to this, a Mobile Device Management system will be used by school to provide full control over the device and filter content where necessary whilst the device is in school.

Q10) Will our students be in danger if they are carrying an expensive iPad to school?

A large number of our students currently carry expensive smart phones to school and are not under threat because of this.

Q11) How will you ensure that students are not in danger when using social networking sites?

It is possible to block access to certain sites within school on iPads in the same way that it has been with PCs. We also have a duty of care to continue to educate pupils so that they understand the risks associated with social media and use it safely and positively.

Q12) Will students spend all day staring at a computer screen?

The iPad is intended to be another part of the Teaching and Learning toolkit and not to replace current diverse methods of teaching that our students enjoy. Staff training will continue to focus on effective short term use of the iPad. It will not be used in every lesson, all lesson. Many of the uses will involve using the video camera or working collaboratively with other students. A lesson with heavy iPad use may see it used as a quizzing tool at the start, to carry out 10 minutes of independent research in the middle and to photograph written work to swap with a fellow student to peer assess at the end.

(III) Teaching and Learning

Q13) Why work this way?

We believe that new technologies can be used as one of a range of tools to improve the quality of Teaching & Learning. The most effective lessons are those where students receive highly personalised feedback and where the level of challenge is high for all students, so that they are self-motivated and develop as independent learners. The content must be engaging and any processing of information must be at a deep level.

Used effectively the iPad provides the teacher with a greater set of tools at their disposal to facilitate outstanding lessons. The device in itself will not turn a poor lesson into a good one, nor does it in any way replace the professional judgement of the teacher to determine how best to support their students. However, if you ask teachers what would make the biggest difference to student progress they will say that it is the student's self-motivation, engagement and independent learning skills that will have the biggest impact on their success. A personal device such as the iPad offers new opportunities to motivate and engage students of all abilities. It empowers the student to take control of their learning and to work in a more individualised way. Additionally the opportunity to work collaboratively with other students both within school and beyond has the potential to greatly enhance a child's understanding and educational progress.

The iPad means that new technologies can be readily and spontaneously accessed for short amounts of time during a lesson, wherever appropriate, rather than made the focal point of a whole lesson or sequence of lessons where groups are taken to a separate computer suite and work for an hour at a time on computers.

There are many functions provided by the iPad that can support effective Teaching and Learning, including:

1. A web browser - extension tasks, wider reading, film clips, research skills can all be developed in short bursts and where appropriate.
2. A camera - the production of rich media resources by students will lead to more innovative and varied presentation styles in lessons. It will allow learning to be consolidated and developed in a different way. Students can be filmed carrying out activities so that they can receive coaching from teachers and others. Techniques can be filmed by the teacher to support the skill development of their students.

3. Apps - there are many subject specific Apps that can enhance the quality of provision. Obvious examples include GarageBand in music lessons and the many art creation Apps. However, there is an ever increasing supply of subject specific Apps for all areas.
4. Productivity software - Pages, Keynote and Numbers are compatible with, and share much of, the functionality of Word, PowerPoint and Excel. Pupils will also have access to Microsoft Office 365 on their iPads.
5. iTunes U - it is early days in this area but has the potential to provide a straightforward way to create courses and share interactive resources with students.
6. iBooks - the opportunity for teachers to create or use interactive textbooks provides a unique opportunity to ensure that our students arrive at lessons fully prepared so that lessons can be delivered in the most challenging way possible (the flipped classroom).

Research Evidence:

There is growing evidence available about the impact of iPads on learning. We have worked closely with Hove Park School and are being supported by their Apple Solution Expert for Education to ensure that we can provide our students and teachers with the most update pedagogy, training and resources. We have also liaised with schools in the local area who have successfully implemented a one-to-one scheme including West Lakes Academy in Cumbria, Upton-by-Chester, Haslingden High School, St Wilfrid's High School in Blackburn and Harrogate Grammar school in Yorkshire. These schools have seen a great improvement in Teaching and Learning with the introduction of iPads.

We have also partnered with JTRS one of the most experienced Apple Solution Expert for Education resellers in the country for supporting iPad one-to-one schemes.

Information on studies completed to date can be found at the following websites:

<http://community.pepperdine.edu/it/tools/ipad/research/results.htm>

<http://www.acu.edu/technology/mobilelearning/research/ipad-studies.html>

<http://multiplepathways.wordpress.com/2012/02/16/confirmed-ipads-extend-a-teachers-impact-on-kindergarten-literacy/>

<http://www.hmheducation.com/fuse/pilot-1.php>

http://www.doe.virginia.gov/support/technology/technology_initiatives/learning_with_out_boundaries/beyond_textbooks/index.shtml

<https://news.okstate.edu/press-releases/929-ipad-study-released-by-oklahoma-state-university>

(IV) The Device

Q14) Why iPads?

An extensive comparison of various devices was undertaken and the iPad proved to be the most competitive in a number of key areas:

- 10 hour battery life
- Lightweight and portable
- Extensive range of cheap/free Apps, developed specifically for educational use on the iPad
- Familiar and desirable
- Intuitive to use, as there is only one input method
- Range of inbuilt sensors and two cameras
- Competitively priced
- Apple's closed ecosystem means that only certified Apps can be installed, giving some degree of confidence in the Apps to which students have access. The Apps will not contain viruses and can be restricted by age group.

Q15) Is it possible to write essays on an iPad?

Yes it is, however, there will not be an expectation that students will type work anymore than they currently do. All iPads will have Microsoft Office 365 so that students can move work between PCs and the iPad easily. It is possible to buy a separate keyboard which can be used with the iPad.

Q16) *How will the iPad impact on the quality of students' hand writing?*

Students will still be expected to hand write work and they will still be issued with an exercise book in all subjects where this is currently the case. There will be no need to word process all their work, in the same way that there is no advantage to doing so at present. However, there is an argument, in terms of sustainability, that work stored electronically would reduce paper wastage.

Q17) *Exams still take place on paper, so how will the iPads help with this?*

As mentioned above, practice exams and essays will still be handwritten. If these would benefit from electronic marking then they can be photographed and emailed to the teacher, consequently providing an electronic backup of the work. This is much the same as the way in which exams are actually marked.

Q18) *Why one-to-one as opposed to a class set of iPads?*

When each student has their own device it means that they take real ownership of the device and look after it, learn how to use it effectively and develop appropriate skills in its usage. The link between home and school learning means that projects can take on much greater depth and not be restrained by a 60 minute lesson. Parents can play a greater part in supporting and understanding the work that students are doing in class.

Providing students with more open ended homework tasks can greatly increase their motivation and effort levels, however, the presentation and peer-assessment of these projects is often limited as they are produced electronically and have to be printed off or watched one at a time with the whole class. This would no longer be an issue if each student brought in their own device.

Q19) *Most businesses do not use iPads, how will you ensure that students have all the IT skills they may need?*

The iPad does not replace the need to teach ICT, this will still be delivered at KS3 to ensure all students can use Microsoft Office effectively. We also feel strongly that we should offer Computing to students, and we have GCSE and A level groups.

Q20) *Do staff receive training?*

The training requirement of staff is on-going and is integrated fully into the school's INSET calendar.

(V) Behaviour Management

Q21) *How will behaviour be managed when using iPads?*

All students will sign an Acceptable Use Policy which clearly sets out how the iPads should be used.

a) *How will the teacher stop students playing games?*

The teacher will still be in charge of the classroom and set engaging, challenging activities with expected outcomes that drive the focus of the class just as they do now. Anecdotal reports from the trial have indicated that students enjoy using the iPads and are motivated by the independence and creativity that they afford. However, there will of course be some abuse of the device and it will be dealt with by following the behaviour management systems in the same way that poor behaviour is dealt with at the moment. Teachers will always have the right to remove Apps from an iPad during the lesson, ask students to close the case or put the iPad away.

b) *What will happen at break and lunchtime?*

Students will only be allowed to use the iPad at break and lunch when they have permission and are working on extended project work. A situation where students spend their break and lunchtime playing

games is completely unacceptable. The MDM system mentioned earlier can help us enforce our policy strictly when necessary.

c) What if students use the iPad to photograph each other without permission?

This issue is covered in the Acceptable Use Policy and will be taken very seriously, in the same way that it is now if a student uses their phone in this way. Playing games and taking photographs/video are possible now, as the majority of our students carry mobile phones. iPads would fit into our existing policies for dealing with such incidents.

(VI) Infrastructure

Q22) Will the WiFi be able to cope with over 400 iPads online at once?

Yes. The school has a wireless network to provide full wireless coverage across the school.

Q23) How often and complex will it be to login?

iPads do not have separate user accounts like computers so there will not be the same requirement to login. Any access to services like school email, files, iTunes or other Apps that hold personal information will store any required username and password details within them so will only need to be changed whenever you change that password. However, if someone were to find an iPad they would be able to access this information without needing to enter these details so it is important that the iPad has a password lock on it. This can be as simple as a 4 digit code to a more complex alpha-numeric password.

Q24) How will new Apps be deployed?

Apps will be deployed via the technical solution being implemented by the school with assistance from the Apple Solution Expert company we have partnered with, this enables us to push out apps to all devices when necessary.

Q25) What happens if a student forgets to charge their iPad?

It is expected that students ensure their iPads are fully charged at the beginning of each school day. Should an iPad need to be charged, there will be some opportunity at break and lunch to charge iPads at docking stations in specific locations in school.

Q26) What happens if a student forgets their iPad?

Should a student forget their iPad, if possible they would be issued with an iPad which they can use until the end of the school day when they would return it to the Network Manager. They would need to ensure that any work they need to keep has been emailed to themselves. Once the iPad has been returned, it would be wiped to ensure it is ready for the next student to use it. The spare iPads will be stored in a secure location within the school when they are not being used. They will be fully charged during the night to ensure they are ready for use first thing in the morning, should they be needed.

Q27) Will the battery life decrease over the three year period?

It is possible, but unlikely, that there may be some decrease in battery life over a three year period. To what extent this will occur is unknown and will depend on how a particular iPad is used.

(VII) Implementation

Q28) What provision will be made to support parents and pupils in learning how to use their new device?

We recognise that in order to fully support your child's learning it is also important that as a parent you also feel confident using the iPad. Over the coming year we will be hosting a number of iPad training sessions that will focus on specific issues, such as e-safety, and invite all parents to attend. Further details to be announced in the New Year.