

A photograph of two students in school uniforms (white shirts and blue and white striped ties) sitting at a desk. They are looking down at a tablet computer. The student on the right is pointing at the screen. The background is slightly blurred, showing a classroom setting. There are orange and black geometric shapes in the corners of the image.

Jigsaw24 1:1 Impact Report

**Evidence to support the impact of
technology on teaching and learning.**



Authorised
Education Specialist

JIGSAW24

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About Jigsaw24 Education

The Jigsaw24 1:1 Impact Report

How schools and trusts are benefiting from rolling out iPad

There's a lot of talk about the benefits of rolling iPad out to students on a 1:1 (one device per user) basis, and there's no denying that we are ardent believers in the learning successes of providing pupils with this important technology.

The Jigsaw24 Scale School Report has been compiled to help show the impact that deploying 1:1 devices has had across a range of educational institutions. This report highlights key findings from a cross-section of schools, academies, independent schools and colleges, and looks at the impact on teaching and learning, judgments by Ofsted and curriculum goals, rather than the technology itself.

100% of pupils think multimodal feedback is more effective than traditional marking.

100% of pupils recognised that the use of the spelling A+ app had helped to improve their spelling.

100% of pupils agreed that the ability to share others' work via Apple TV had a positive impact on their own work.

100% of pupils thought electronic textbooks made learning more fun.

An honest look at learning benefits...

Undertaking a 1:1 iPad project is no small task and we have asked institutions to share their experiences with complete honesty. By sharing these, we hope to demonstrate a true reflection on the impact of deployment and we thank the institutions for being candid and open around such obstacles.

We also want to share the successes and solutions for overcoming such challenges and included this summative information to help **Headteachers, Senior Leadership Teams, Governors, Principals** and **Trust Leaders** who are thinking of undertaking such a project.

Enjoy!

The Jigsaw24 education team

Look out for...

These key findings include the impact on:



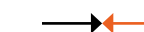
Progress/attainment



KS1/KS2/KS4
exam results



Attendance



Closing the gap



The Crestwood Secondary School

Background

The Crestwood School are a co-educational secondary school and sixth form based in Dudley, West Midlands. Rated Good across the board in their Ofsted report, Crestwood were looking to improve to an Outstanding rating, focusing on encouraging students to reflect on teachers' comments more in order to improve, reinforce literary skills in other subjects in Key Stage 3, and give more able students the opportunities they need to extend and deepen their knowledge and understanding.

Successes

Crestwood decided to conduct an iPad 'intervention' to gauge the impact of 1:1 iPad. They equipped one group of students with iPad on a 1:1 basis in four selected lessons from the new GCSE topics for two weeks, while a control group would do the same but without the use of iPad.

Both groups were picked as equal ability based on prior attainment, and after two weeks, they had to complete an end of unit GCSE exam. On the exam, the group who weren't using iPad gained an average score of 9.8/22 marks (41.2%), whereas the group with iPad gained an

average score of 13.1/22 marks, equating to a percentage score of 60%. That's a difference in attainment of nearly 20% in just two weeks of using iPad.

On top of the exam results, the teacher conducting the intervention also noticed a huge increase in engagement from students, both in and out of school. The group were given their lessons via the Showbie app, and used Apple Books to record their lessons. As lessons progressed, conversations with students showed their understanding was so fluid and embedded they were hitting the objective of the lessons without actually realising, and Blooms questioning with the more able students let them show off what they had learned.

Outside school, students took pride in their iBooks and would continue work at home, or even complete work when off ill. Students would also message and ask questions using Showbie on their iPad and their school emails, while the group who didn't use iPad did not make contact outside of lessons.

Progress

60% attainment for students using iPad v 41.2% attainment for students not using iPad, over just two weeks.

About the school



INSTITUTION TYPE
Co-educational secondary and sixth form



PUPILS ON ROLL
712



AGE RANGE
3-18 years



LOCATION
West Midlands



DEVICES DEPLOYED
200



FUNDING METHOD
Parental contribution leasing



FSM PUPILS
240

Crestwood's iPad experiment

Charting the journey and results of the school's iPad intervention study

Crestwood pick two equal ability groups of students for their two-week iPad intervention.

iPad Group 7A1 (18 participants) are given iPad.			No iPad Group 7B2 (19 participants) don't receive iPad (sorry, kids).
Lesson handouts Group 7A1 are given lessons via Showbie and digital textbooks.			Lesson handouts Group 7B2 are given lessons via traditional paper-based handouts.
Engagement The teacher notices increased engagement with Group 7A1.			Engagement Engagement from Group 7B2 remains at normal levels.
Learning objectives Conversations and Blooms taxonomy questions show learning objectives are met.			Learning objectives Group 7B2's were completing work, but not at same understanding level of Group 7A1.
Offsite work Outside school, Group 7A1 would continue work, and email teachers with any questions.			Offsite work Group 7B2 did not make contact or continue work outside of lessons.
Exam results On the exam, Group 7A1 gained an average score of 13.1/22 marks (60% score).	60%	41.2%	Exam results Group 7B2 gained an average score of 9.8/22 marks (41.2%) on the exam.

Nearly 50% attainment increase!

Over just two weeks, the difference in attainment between the iPad group and non-iPad group was nearly 50%!





Success in Multi-Academy Trusts

How Transform Trust are using Apple technology

Transform Trust are an innovative Multi Academy Trust, established in 2013. They currently have nineteen member schools and put a strong focus on empowering each of their schools to drive their journey to improvement while maintaining their own individual identity and community focus. They've been implementing Apple technology across their schools to drive high educational standards and best-practice teaching. Let's take a look at how 1:1 iPad devices are making a difference in their member schools...



Robert Shaw Primary School

A Transform Trust School

Background

The school deployed 1:1 devices to their year 5 pupils. Their objective was to create a multi-sensory approach to encourage learners to be more independent and self-driven, and to develop an environment where learning could continue beyond the school building.

They hoped that introducing iPad would improve the quality of teaching and increase the impact that feedback had on their students, with the aim of improving grades and reducing staff workload.

Successes

Higher attainment levels
Attainment and progress data showed that the year 5 pupils outperformed other year groups that did not have 1:1 devices.

Higher levels of engagement and wellbeing
1:1 iPad resulted in higher levels of engagement amongst students both inside and outside the classroom. Children also benefitted from higher levels of wellbeing due to having access to more personalised feedback from teachers outside of lessons, in addition to being able to complete work using a number of fun and interactive formats.

Enhanced learning experience
The school reported that iPad was instrumental in driving first-class teaching and a quality-first learning experience.

Powering on through Covid
Use of iPad and apps such as Showbie allowed teachers to deliver detailed feedback to students during the pandemic, using mediums such as voice notes to overcome the distance barrier.

Moving forward
Building from the success of 1:1 iPad devices with their year 5 students, Robert Shaw Primary School plan to give iPad to all their teaching staff.

About the school



INSTITUTION TYPE

Co-educational
primary school



PUPILS ON ROLL

478



AGE RANGE

3-11 years



LOCATION

Nottingham



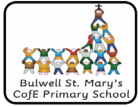
DEVICES DEPLOYED

241 iPad



FSM PUPILS

11.9%



Bulwell St Mary's Primary School

A Transform Trust School

Background

Bulwell St Mary's primary school is a 1.5 form entry school in Nottingham. The school is part of the Transform Trust, and has been independent of the local authority since gaining academy status in 2016. As a Church of England school that focuses on a key value each half term, pupils are allowed to grow as individuals and interact positively with each other in all situations they encounter.

Bulwell rolled out 1:1 iPad in year 6 to support children with their vocabulary. Within months, they realised the impact and success of 1:1 iPad, not just on the children's vocabulary but on their attainment, behaviour, motivation, assessment for learning and curriculum development. They are now looking to roll out 1:1 iPad for the whole of KS2 as of September.

Their vision is to bridge the gap between home and school learning by integrating technology across the curriculum with a particular focus on writing. Their project was focused on using technology in the classroom to improve children's vocabulary, reading and comprehension skills.




Successes

Since rolling out iPad, children have used the Apple apps Keynote and Pages to create eBooks, newsletters, leaflets and interactive presentations. They found that reading (comprehension) and vocabulary skills have improved for all learners. Children have also used augmented reality to give them immersive experiences; they can explore Rome, the digestive system and space using the AR capabilities of iPad. This has supported their vocabulary and use of tier 2 and 3 words.

There have also been improvements for EAL and SEND students. iPad has helped them become more independent, improving their behaviour and motivation, and learning has become more inclusive and personalised for everyone.

Assessment has been improved, too. They've used Showbie and Apple Classroom to support class discussions, working documents and feedback. They've seen a "huge improvement in AFL (videos, groups and observation) and personalised learning".

About the school


INSTITUTION TYPE
Co-educational primary school


PUPILS ON ROLL
306


AGE RANGE
3-11 years


LOCATION
Nottingham


DEVICES DEPLOYED
1:1 for year 6


FUNDING METHOD
Capital purchase

Classroom experience

The percentage increase of students rated as high achievers in key classroom objectives.

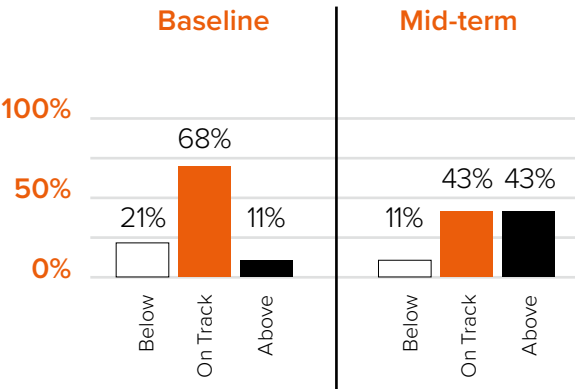
Engagement	Behaviour for learning	+21%
	Attention	+36%
	Enthusiasm	+36%
	Concentration	+39%
Confidence		+18%
Depth of understanding		+18%
Independence		+18%



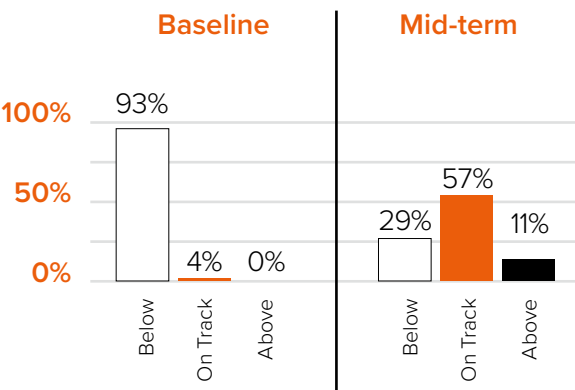
Transforming academic achievements

By the mid-term, most students have moved up a level in attainment and progress.

Progress



Attainment





William Booth Primary and Nursery School

A Transform Trust School

Background

William Booth Nursery and Primary School is an average-sized primary in inner city Nottingham. The school is part of the Transform Trust and converted to an academy in 2017 – they’ve been independent of the local authority since. Their principal aim is for all children to achieve their full potential and reach the highest standards in an ethos of learning, mutual support and respect.

Around 51% of the current pupils are English as an additional language, with 27 languages spoken across the school. The school are using iPad to see how they can improve their students’ vocabulary and quality of writing; they have a bank of 20 iPad devices for the children to use, every teacher has a personal iPad and there are Apple TVs in every classroom.



Successes

They wanted to use the Showbie app to develop their students’ vocabulary and quality of writing in year 3. Using Showbie, teachers could create class discussions and encourage the children to use a wider range of vocabulary. The discussions would allow for immediate feedback from the teacher and peers. While using Showbie, they could instantly improve the students’ writing in an engaging way.

The app also allows them to create vocabulary banks and resource folders, which means they can instantly share children’s work. iPad was used at least 4-5 times a week in different lessons, making sure it was used to target vocabulary across the curriculum. As discussions are saved in the app, they could look back and refer to those discussions to help students use a wider range of words and phrases in their work.

The school’s iPad study is ongoing, but the initial results are looking positive. They’ve seen improvements in behaviour, attention, enthusiasm and much more. Their results show there is “no doubt that using Showbie and iPad has improved motivation and engagement in class 3”.

Since starting the case study, they are already looking at/thinking about other ways to use the evidence created in Showbie to improve vocabulary, and eventually rolling out iPad on a 1:1 basis.

About the school



INSTITUTION TYPE

Co-educational primary school



PUPILS ON ROLL

234



AGE RANGE

3-11 years



LOCATION

Sneinton, Nottingham



DEVICES DEPLOYED

20 iPad devices for children, iPad for teachers and Apple TV in every classroom



FUNDING METHOD

Leasing model

Classroom experience

The percentage increase of students rated as high achievers in key classroom objectives.

Engagement	Behaviour for learning	+7%
	Attention	+11%
	Enthusiasm	+18%
	Concentration	+21%
Confidence		+11%
Depth of understanding		+11%
Independence		+14%



Whitegate Primary School

A Transform Trust School

Background

Whitegate Primary School wanted to boost creativity in their school and prepare students with a lifelong skill that they would be able to use beyond their primary education. They introduced 1:1 iPad devices for students across years 3-6 and shared iPad for year groups 1 and 2. They also equipped all teachers and teaching assistants with iPad, and introduced Apple TVs in every classroom to encourage interactive learning.

Successes

Home learning capabilities during lockdown

During a time when many schools found themselves at a standstill, Whitegate Primary School were able to keep going. Introducing 1:1 iPad allowed them to keep teaching over the course of the UK lockdown and teachers reported that students were more engaged than ever during virtual lessons.

Creating accessibility, building independence

Students were given the tools they needed to take ownership over their work, from sharing their work with their fellow classmates on Apple TV, to accessing features like Speak Screen to enhance reading with audio and VoiceOver for blind or low vision students.

Enhanced learning and teaching

The school were also able to create more dynamic lessons. They successfully used iPad in their maths lessons to create learning aids like pre-recorded interactive videos to help teachers spend less time planning maths lessons.

On top of this, iPad was particularly useful in marking work for their year 6 students, who require more detailed feedback than lower year groups. Using Showbie, teachers were able to access all of the essential tools for assignments, feedback and communication in one easy-to-use app. This enabled them to create clear and easy instructions and easily collate students' work.

Leading on digital excellence

All teachers have undertaken training to get an Apple teacher qualification, with teaching assistants soon to follow and the school has even appointed four digital leaders to ensure best-practice use of Apple technology.

Moving forward

Looking further into the future, Whitegate Primary School would like to implement 1:1 take-home devices to encourage learning to continue outside of the classroom and promote further autonomy when it comes to students taking the lead with their learning.

About the school



INSTITUTION TYPE

Co-educational primary school



PUPILS ON ROLL

424



AGE RANGE

3-11 years



LOCATION

Nottingham



DEVICES DEPLOYED

368 iPad



FSM PUPILS

40%





Stephenson Memorial Primary school

The North Tyneside Learning Trust

Background

The school deployed 1:1 devices to all KS2 pupils, staff and teaching assistants. The goal was to increase engagement within the curriculum and therefore increase gains in attainment and progress for all pupils.

The device itself is not at the heart of the school improvements; it is how it is being used. The impact on learning is testament to the creativity of the staff and the regular in-house staff development program. The training is run by both staff and students – sharing good practice.

Challenges

The school had a history of low attainment and struggled to hit national targets, and they knew that parent engagement was going to be crucial to success. 58% of students at the school are in receipt of free school meals, and initially the main barrier was that the school knew it would need to get parents on board to meet the cost.

The iPad scheme relies on every child in year 5 owning (renting) their own device which goes between home and school. The families enter into a two year rental agreement (approx. £3.50 per week). At the end of this period, the family will own the device. The scheme has allowed the children to take ownership of their learning beyond 3pm every day. It has transformed how the school delivers teaching and learning which has directly impacted on standards and attainment.

Successes

- **Children in Key Stage 2 made significantly better than expected progress in reading, writing and maths** compared to other children of a similar age nationally. Their writing progress score was the highest in the local authority, sitting at +4.9 points where the national average is zero, placing them in the top 10% of schools in England.
- **The school has appointed a series of 'Digital Leaders'** who support teaching and learning regularly throughout school. The 'DLs' are year 5 and 6 students who have been trained in a specific area, or using a specific app, supporting teachers and other pupils.
- **The school managed to get 100% sign-up for the iPad scheme** by putting the weekly cost of the leasing scheme against the price of a pint of lager, children's toys and other things the parents would relate to.

Attendance

The next year, the attendance rate at this school was 95%. This is a **decrease in absenteeism of 12.3%** compared to the previous year.

About the school



INSTITUTION TYPE
Foundation school



PUPILS ON ROLL
386



AGE RANGE
2-11 years



LOCATION
Wallsend



DEVICES DEPLOYED
156 devices



FUNDING METHOD
Leasing model (year 5 & 6) & capital purchase (year 3 & 4)



FSM PUPILS
49.7%



A **12.3% decrease** in absenteeism.

In the **top 10%** of schools in England for progress.

A **4.6 point increase** in progress for SEN boys.



Stephenson Memorial Primary school continued...

“ I think it's crucial that schools help provide equal access to new technology. You hope that children are being given these opportunities at home, but unfortunately that isn't always the case for a lot of children who attend our school. By introducing them to iPad, we're also introducing it to their whole family, so we see this as a family and community project here at Stephenson rather than something that just helps our pupils. **”**

Andrew Pridmore,
Former Headteacher, Stephenson Memorial Primary School

Read the full story at www.Jigsaw24.com/stephenson-memorial

Measuring the impact of iPad

Impact on progress

(expected progress achieved by pupils)

Reading

100%

100% of pupils achieved expected progress in reading.

This is an increase of 21% since the previous year.

Writing

98%

98% of pupils achieved expected progress in writing.

This is an increase of 3% since the previous year.

Impact on test results

Grammar, punctuation and spelling

68%

68% of pupils attained Level 4 or above in the Key Stage 2 grammar, punctuation and spelling test.

This is an increase of 15% since the previous year.

Reading

95%

95% of pupils attained Level 4 or above in the Key Stage 2 reading test.

This is an increase of 24% since the previous year.

Writing

90%

90% of pupils attained Level 4 or above in the Key Stage 2 writing assessment.

This is an increase of 8% since the previous year.

Closing the gap

Grammar, punctuation and spelling

100%

100% of disadvantaged pupils achieved expected progress.

This is an increase of 26% since the previous year.

100%

100% of other pupils achieved expected progress.

This is an increase of 16% since the previous year.

Writing expected progress

96%

96% of disadvantaged pupils achieved expected progress.

This is an increase of 1% since the previous year.

100%

100% of other pupils achieved expected progress.

This is an increase of 7% since the previous year.



Yew Tree Primary School

Background

Yew Tree Primary School has the same aims and aspirations for all of its pupils. In a caring, disciplined and happy environment, pupils are provided with many opportunities to develop spiritually, socially, physically and intellectually.

In order to ensure that their mission statement of "excellence and happiness in a caring, family school" is fulfilled, the school places a great deal of emphasis on the emotional wellbeing of their pupils. The school has deployed 1:1 devices across KS2 and has several sets available for EYFS and KS1 students.

Successes

Successes Yew Tree Primary School is an Apple Regional Training Centre (RTC) and offers training courses on how Mac and iPad can enhance the curriculum.

The 1:1 programme has let the school offer pupils greater personalisation, creativity and choice, facilitating independence and collaboration.

Staff had been used to using iPad to deliver aspects of the curriculum, so when we announced the 1:1 rollout, they were delighted. They knew the value they would bring to enhancing their teaching. Over time, iPad has become indispensable to them.

**Tamsie Mclean, new RTC Manager,
Yew Tree Primary School**

Attendance

The attendance rate at this school was 95.6%. This is a **decrease in absenteeism of 26%** compared to the previous year.

Progress

Reading

97% of pupils achieved expected progress in reading. This is an increase of six percentage points since the previous year and the school's result was in the top 20% of similar schools' results, and in the top 40% of all schools nationally.

Writing

100% of pupils achieved expected progress in writing. This is an increase of two percentage points since the previous year and the school's result was in the top 20% of similar schools' results, and top 20% of all schools nationally.

About the school



INSTITUTION TYPE

Co-educational primary school



PUPILS ON ROLL

Approx 570



AGE RANGE

3-11 years



LOCATION

Walsall, West Midlands



DEVICES DEPLOYED

1:1 years 3-6



FUNDING METHOD

Capital purchase



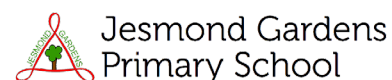
FSM PUPILS

25.8%



6% increase in reading level attainment.

26% decrease in absenteeism compared to the previous year.



Jesmond Gardens Primary School

Background

Hartlepool's Jesmond Gardens Primary School is a Foundation to KS2 school that is committed to finding innovative ways to teach children skills that will equip them for the real world, rather than just disseminating information. When their site was rebuilt as part of the Primary Capital programme, Jesmond Gardens moved from PC to Mac and launched an ambitious 1:1 iPad rollout across years 5 and 6, as well as using the devices with EYFS (Early Years Foundation Stage) pupils.

Jesmond Gardens received funding for a new school build as part of the Primary Capital programme. As part of the refit, they decided to move from PC to Mac computers because they liked the fact that Apple equipment and software was very intuitive and the transitional workflow between apps was much easier. They felt the whole Apple solution would help them use technology rather than be a barrier to it.

Successes

Pupils are more engaged than ever, and have instant access to a wide range of high quality learning resources via iPad. Jesmond Gardens are now an Apple Regional Training Centre, and generate extra revenue by offering 'learning walks' around their iPad deployment to pass on best practice.

The school has seen "brilliant outcomes from apps like Talking Larry and Puppet Pals with our EAL children and a couple of children we had who were diagnosed with selective mutism. The first time those children talked to our staff here was via those apps, so they certainly helped to break down barriers and to give children access to learning more quickly than they would have had usually."

Assessment has changed and the SLT now have "more evidence than we know what to do with" thanks to the cameras and microphone built in to iPad. "We have visual and verbal dual feedback, which usually you wouldn't have any evidence trail for, but now store videos using cloud solutions which allow teacher, pupil and parental access through secure services."



About the school



INSTITUTION TYPE

Co-educational primary school



PUPILS ON ROLL

347



AGE RANGE

3-11 years



LOCATION

Hartlepool



DEVICES DEPLOYED

156 devices



FUNDING METHOD

Capital purchase



FSM PUPILS

33.9%

Measuring the impact of iPad

Impact on progress

(expected progress achieved by pupils)

Reading

97%

97% of pupils achieved expected progress in reading and the school's result was in the top 20% of similar schools' results, and in the top 40% of all schools nationally.

Maths

100%

100% of pupils achieved expected progress in mathematics and the school's result was in the top 20% of similar schools' results, and in the top 20% of all schools nationally.

Writing

97%

97% of pupils achieved expected progress in writing and the school's result was in the top 20% of similar schools' results.

Impact on test results

Grammar, punctuation and spelling

91%

91% of pupils attained level 4 or above in the Key Stage 2 grammar, punctuation and spelling test. The school's result was in the top 20% of similar schools and top 20% of all schools.

This is an increase of 18% since the previous year.

Reading

88%

88% of pupils attained Level 4 or above in the Key Stage 2 reading test.

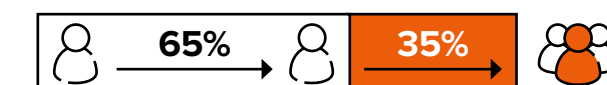
This is an increase of 10% since the previous year.

Closing the gap

Grammar, punctuation and spelling

SPAG expected progress

The gap in attainment for spelling, punctuation and grammar between economically disadvantaged students and the rest narrowed by 65% from the previous year.



Economically disadvantaged

Economically disadvantaged

Rest of the cohort

Reading

96%

Reading expected progress

96% of disadvantaged pupils achieved expected progress in reading, while 100% of other pupils achieved expected progress.



Langley Grammar School

Background

Langley Grammar School is a co-educational selective school in Langley, Berkshire. The school has been independent of the local authority since gaining academy status in April 2011. Students come from a wide range of communities both local and further afield. Langley's aim is to enable students to fulfil their potential and achieve high standards within a supportive environment where they will be stimulated and challenged.

Impact

The school constantly focuses on new and innovative ways to improve teaching and learning. 1:1 technology has created new ways of challenging students to go beyond a textbook and comprehension style activity, and challenge whether they genuinely understand a topic well enough to produce a well thought out creative piece of media.

In some cases, curating evidence of learning in the form of student-produced iBooks has helped students consider the way they explain ideas and describe change to people and places. Using the collaborative tools that come with iPad, there are more opportunities to create scenarios in which students need to develop these skills and show they are getting ready for a workplace where they are increasingly unlikely to be working in isolation.

Because all students are using iPad, they have certainty about the tools students have at their disposal, and this gives them the capability to think more innovatively about the kind of opportunities they can create for students. Some students have benefited from the range of creative apps that are readily at their disposal. For example, the Paper app for art exam courses, iMovie in English, and Adobe SparkPage and Skitch in geography.



About the school



INSTITUTION TYPE

Co-educational
selective school



PUPILS ON ROLL

1089



AGE RANGE

11-16 years



LOCATION

Berkshire



DEVICES DEPLOYED

1:1 devices for years 9 and 10



FUNDING METHOD

Leasing

Classroom experience

Students were asked to rate various aspects of their classroom experience on a scale of 1 to 5 before and after the iPad project.

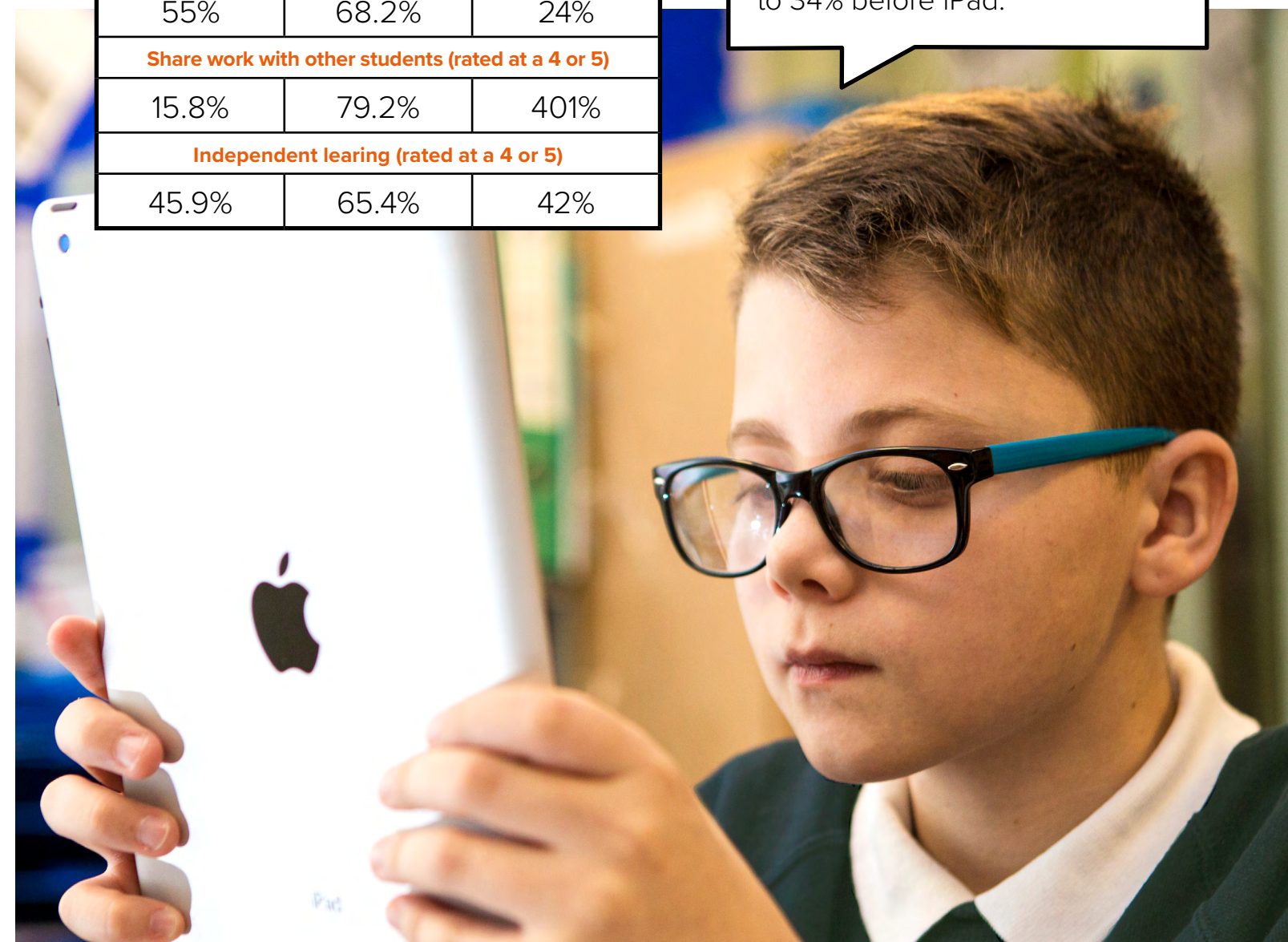
Before iPad	After 1:1 iPad	% Percentage increase
Enjoyment of lessons (rated at a 4 or 5)		
34.6%	81.9%	137%
Support from other students (rated at a 4 or 5)		
39.2%	65.5%	67%
Feedback from teachers (rated at a 4 or 5)		
55%	68.2%	24%
Share work with other students (rated at a 4 or 5)		
15.8%	79.2%	401%
Independent learning (rated at a 4 or 5)		
45.9%	65.4%	42%

64% rate their independent study time in lessons 4/5 or higher (previously just 45% did).

62% more students say they share work with peers often.

64% rate the level of support they get from their peers 4/5 or higher (it was 35%).

82% rated their enjoyment of lessons 4/5 or higher, compared to 34% before iPad.



The next steps for your school...

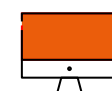
The 1:1 Impact Report has shown that rolling out iPad on a 1:1 basis has had a huge impact on student learning, on absenteeism and on the effectiveness of using technology in the classroom. If you're looking to follow in the footsteps of these schools, you may have a whole heap of questions that you need answering.

We're a bit different to your usual education IT provider – we have a clear focus on teaching, learning and supporting the curriculum, all the way from EYFS to degree level. Our dedicated team of education advisors and trainers understand that technology can only ever complement the skills of the teacher, and we never forget that buying equipment is just one part of getting the most from it. We're an Apple Authorised Education Specialist and can provide the full Apple lineup, with top-notch services and support too, as you would expect!

Our Leading Innovation Programme

Roll out iPad the right way! Our Leading Innovation Programme is a framework to help you discover, design and deliver a sustainable, technology-rich learning environment that supports the needs of your institution. Delivered by our dedicated education team, we'll guide you through a complete deployment programme, with each step designed to give you all the information and support you need to make a technology rollout a success.

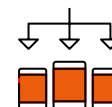
Our top education solutions



Mac Mac desktops and notebooks, PC/Mac integration and management solutions.



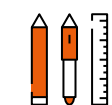
iPad iPad, iPod, cases and storage, sync and charge solutions, app management, file sharing solutions.



Mobile device management Help with MDM solutions, Apple's Device Enrolment Programme (DEP) and Volume Purchase Programme (VPP).



CPD training Continuing professional development curriculum training delivered by our very own Apple Education Trainers.



Creative software From Adobe's creative apps to Microsoft Office, as well as advice on your licensing options.



Audio equipment Full audio studios, keyboards, interfaces, headphones and speakers, as well as consultancy, installation and training.



Content creation Video cameras, lighting, live production and streaming equipment, editing suites, consultancy, installation and training.



AV solutions Interactive touchscreens, displays, digital signage, video walls, audio and immersive environments.



Storage Mobile and desktop external drives, rackmount solutions, NAS and SAN, backup and archiving solutions.



Printing Printers for classroom and office, AirPrint wireless printers, 3D printing, ink and media (try our configurator for the perfect match).



Finance and insurance Leasing and rental schemes, insurance for school and student-owned devices, advice on payment schemes and schedules.



Consultancy Advice on workflows, servers, storage and networking, futureproofing your IT and onboarding staff, students and parents.



WiFi and networking Not only will we take care of all your cables and network infrastructure, but we can advise on futureproof WiFi and eSafety setups too.

Want full support for your devices? We offer extended warranties and repairs, onsite support, helpdesk, training for first line technicians, IT health checks and more, including an annual phone support contract (complete with regular site visits from our education team) from just £995.

Things to think about...

How do we set up and manage Apple devices?

An MDM (mobile device management) solution and DEP (Apple's Device Enrolment Programme) will do lots of the work for you. We can recommend a system for you, and even provide MDM as a managed service if you have no IT team. While our Device Management and Device Maintenance services, provide you with end-to-end administration, configuration and maintenance of your devices, to allow schools to put the focus back on learning.

How can we make sure our students are learning industry-standard skills?

As well as helping schools and colleges, we work with 25,000 of the UK's top creative companies, so can help you create industry-standard setups on a budget, so you can equip students with real-world skills.

If we share our vision with you, can you advise on how we measure success?

Yep! We'll work with you to quantify the impact of technology on your teaching and learning outcomes.

How do we tell if our WiFi is up to scratch?

It's best to give us a call about a WiFi survey. This will determine the coverage and capacity of your current system, and then we can recommend ways to improve and futureproof it.

What are Apple School Manager, MDM and all those other confusing terms all about?

They're tools Apple have in place to help you save time and money when setting up new devices and buying apps. Apple School Manager is the way you can control and manage all your device settings, apps and content!

Can we use iPad with our interactive whiteboards?

Or should we even do that? iPad with AppleTV works with a lot of different displays, touchscreens and smartboards, and we recommend using it alongside your current tools – whatever best suits your teaching style.

How can we finance a 1:1 iPad scheme?

Apple Financial Services provides a sustainable finance option to spread the cost of your devices in a simple, regular, fixed subscription to ensure that your school can equip staff and students with the latest technology without hefty up-front costs. Parental contribution schemes can also work well, and we can help with events and purchasing portals to support them. We can even arrange insurance to give peace of mind that your devices are protected.

How do I offset the cost of a 1:1 scheme?

Some schools have found that the deployment pays for itself quickly. Here are some sample savings from one of our secondary schools.

Planners (school year's worth)	£4650	Now have an app
Newsletters (4 per year)	£3750	Just to print, also cost saving on not posting home
Reports sent via post binded (twice per year)	£4983	No more printing, posting or binding costs
Known text book orders cancelled	£9840	Staff used iBooks author to create own
Printing difference from year 1	£8700	Savings should rise each year
Text messages home (1 year)	£1200	Now email home
Average letter home (always min of 7 whole school per year)	£6930	Each A4 letter posted home to students costs £990
Digital cameras	£1900	Bought by multiple departments, now use iPad
ActivExpression	£3100	Voting pods replaced by Socrative apps
Savings based on 150 pupils per year	£45,053	After the initial outlay, each year's refresh of iPad mini will cost £45,000

Jigsaw24 Education: How we can help

At Jigsaw24, we take an education-first approach to provide the best outcomes for both teaching and learning. We believe that working with the latest technology prepares pupils for the world of work. That's why we've worked with more than 6,000 schools, colleges, and universities to support professional ICT in teaching and learning.

We know that effective teaching requires student engagement, and after years of providing IT solutions to schools, we know that Apple products are the perfect way to capture your students' imagination. With apps and resources to support any subject in the curriculum, they can help you shape the future of your teaching and learning.

As an Apple Authorised Education Specialist, we offer full iOS and macOS training courses. We can consult on the best teaching tools for your school and work with you to implement technology into your lesson plans based on your school's individual needs. On top of our Apple toolkit, we can also help you install everything from school WIFI systems and network infrastructure; to interactive screens, signage, and media suites - through our experienced Media Solutions team who have worked all over the world.

Our professional development team go beyond simply working with schools to solve a particular problem, we have the future in mind just as much as you, and partner with you to anticipate problems along the journey and show you the solutions you can implement to avoid these issues altogether. We also set up our Leading Innovation Programme to help schools achieve true impact. We support school leadership teams in creating a vision to drive the implementation of Apple technology and provide the necessary training to help staff feel confident using new tools in their classrooms.

Our best-in-class device management services cut down your workload and give you back the time you need to do what you do best – inspiring the next generation. We can help you oversee people, devices and content all from one place. From installing the apps and content that staff and students need exactly when they need them, to monitoring how they're used to ensure your network is protected - we can help you get set up quickly and easily.

If you'd like to learn more about how your school could benefit from Apple technology, we'd love to hear from you. Simply contact us using the details below:

Call: 03332 409 290

Email: education@Jigsaw24.com

Visit: Jigsaw24.com/education





JIGSAW24

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