TechKnow

Back to School 2018

EDUCATION

Go 1:1 | New Term, New Tech

Go 1:1

TechKnow
Back to School 2018

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Download on the **App Store**

Get it from **Microsoft**

0870 429 3120

Contents

2

3

Go 1:1 - A device per pupil

What's 1:1?

A 1:1 device scheme means exactly that, every student has their own device to use. In the modern classroom, there isn't a traditional IT model to follow as such, it depends on your individual strategy and approach to technology in the classroom.

Every student having access to a device offers the flexibility for students to learn in a way that suits them, as well as offering different options for teachers when planning their lessons.

This kind of project doesn't happen overnight, and takes a lot of planning along the way. So don't attempt it on your own, have an Education Solutions specialist on the journey with you. BT can provide the full end-to-end solution that you need to make a successful 1:1 scheme, and help you along until your device strategy becomes a reality.

bt.com/techknow/edu/1to1

Why implement 1:1 devices?

Increase student and teacher engagement

Why confine IT use to the ICT suite? Bring mobile devices into any class to help teachers maximise student engagement.

Break free from the traditional format

Don't be restrained to the classroom, 1:1 devices opens up a whole load of learning options.

Transparency for parents

Give parents a glimpse into their child's learning by taking their work home with them on their device.

Keep teachers in control

Students can often be distracted or side-tracked, this wouldn't be the case with teachers seeing what students are accessing on a device.

Can your network support 1:1?

CISCO Meraki

Do you need to upgrade?

Upgrading and enhancing your network could have big benefits – no matter the size of your school, college or university. Whether your students are using school owned devices, or you run a BYOD programme, it's critical to have a reliable and scalable network. We're here to guide you through the latest approaches to creating and managing your networked environment, offering expert advice through our Technical Specialist Resource to help you get the right solution, at the right price.

You need a robust and reliable networking solution to support change across your school or campus

Cisco Meraki's cloud networking solution is ideal for schools, colleges and universities alike. No matter the size or location of your sites, you can manage your entire network from one intuitive dashboard.

- Get performance and flexibility at a fraction of the cost and complexity of traditional solutions
- Ensure all your students are working with the latest software and learning apps by centrally managing and deploying their devices with Systems Manager
- Integration with all major app stores makes deployment and maintenance super simple across your entire network

Learn more – bt.com/techknow/edu/meraki

DELL EMC PARTNER PLATINUM | **Hewlett Packard Enterprise**

If your servers failed, how would you cope?

Rethinking your storage and server solutions will have far-reaching benefits across your organisation.

If your back-ups are on the same site then they're not as robust as they could be. Consider the cloud as an additional, secure solution. If you've still got paper-copy backups, you need to consider more than the security risk. How long would it take to make them digital?

Our Technical Specialist Resource team are perfectly placed to provide advice and support to help you build an infrastructure solution that's going to support your strategy.

Learn more – bt.com/techknow/edu/TSR

Need advice on your network infrastructure?

Speak to our IT Specialists

0870 429 3120

Complete Classroom

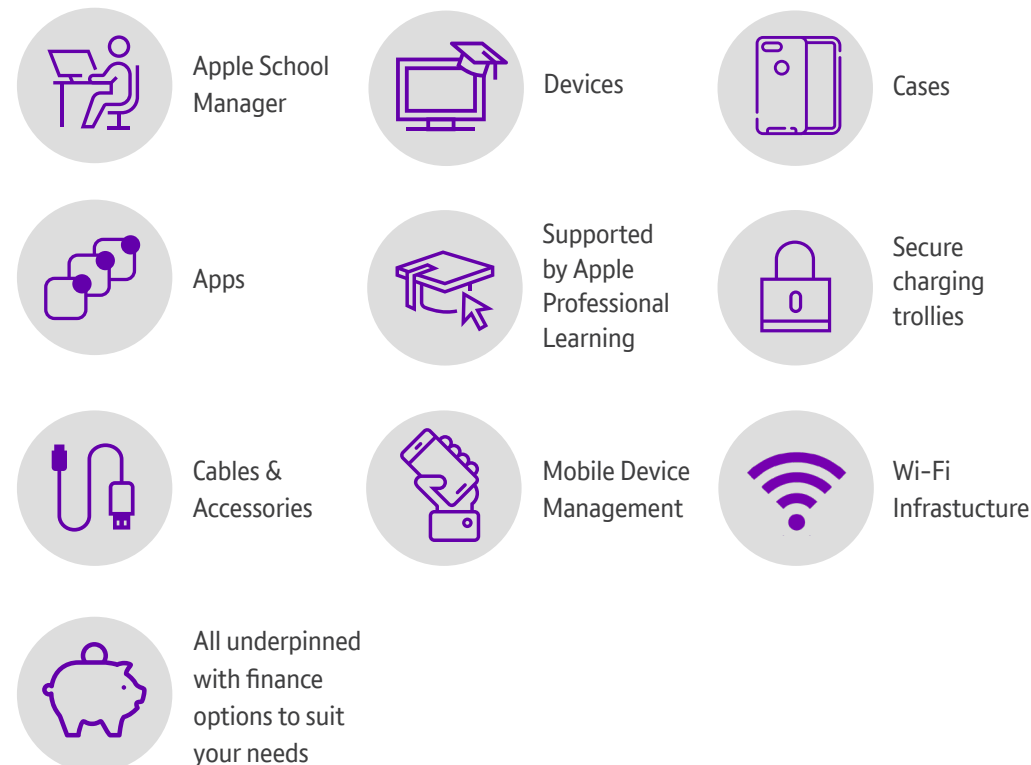## Complete Classroom – BT can provide it all

- Apple School Manager
- Devices
- Cases
- Apps
- Supported by Apple Professional Learning
- Secure charging trollies
- Cables & Accessories
- Mobile Device Management
- Wi-Fi Infrastucture
- All underpinned with finance options to suit your needs

The Apple solution from BT, that's as unique as your school

Solution Expert Education

We can offer everything you need to get the most out of your Apple investment, and help you build your Complete Classroom. Whether you're in the early stages of adopting Apple devices, require Professional Learning for your teachers, or have recently integrated more devices and need to upgrade your MDM solution. BT can be your trusted partner to integrate Apple technology into your learning environment effectively.

Make a classroom 1:1 for less than the equivalent of £2.50 per student, per week.[1]

1. We've done the sums, and less than £2.50 is a price of £2.35 per student per week. This £2.35 is based upon a class of 30 getting: an iPad 5th Gen, 32GB and rugged case each; all with an extended warranty so they're covered for 3 years; an MDM license for each iPad for 3 years and a 30 bay charging unit for the iPads. We can also cost up bespoke solutions with additional options like VPP credit and APL days for the 3 years. Any additional cables, Wi-Fi and infrastructure additions or upgrades and associated costs are not included in the per pupil per week pricing of this solution and could incur additional charges. Prices correct for the above solution as of May 2018.

Classroom app for iPad

The powerful learning tool to help enhance your lessons and guide your students. It has a range of features to help guide learning with technology, and encourage collaboration and knowledge sharing between peers.

Swift Playgrounds

Help future-proof your students, embracing coding with Swift Playgrounds. This powerful programming language created by Apple is easy to use, and for everyone. It can be used by both beginners and the more experienced coders. It offers built-in learn to code lessons and aims to make coding more fun for students.

Apple Professional Learning

APL is a tailored form of CPD and covers a range of topics to benefit your teachers and staff. It can bespoke to what you need and may be dependent on where you are on your Apple journey. It's one thing to have the right devices, but to truly get the best value from your investment, your teachers need to know how to make the most of them.

Mobile Device Management

Having the right MDM solution will make managing your devices much easier. You can purchase and roll-out your apps to all of the devices with a few taps on your iPad. It's essential for a successful 1:1 device roll-out and helps you keep consistency across how your devices are set-up and operate. We can offer a variety of MDM solutions, and can help you find the best fit for your learning environment and your budget.

Learn more – bt.com/businessdirect/edu/Apple

Go 1:1 with BT ComputAbility

A device for every student, without impacting your school budgets

ComputAbility is a fully-managed and worry-free parent partnership programme. BT offers this end-to-end service, powered by our expert finance partner, Freedom Tech.

We know ever-tightening budgets can mean investing in technology is often a challenge. At BT, we're passionate about providing access to technology for students, so they can learn however and wherever suits them.

1. One device per student, all orders are subject to school sign off prior to delivery. For a full run through of things you need to know about the ComputAbility programme, please visit our website: https://www.businessdirect.bt.com/mini-sites/computability

- Students can have the latest devices at home or in class
- Devices chosen by you to fit your strategy
- Minimal cost to the school or college – funded by monthly parental contributions
- Easy to launch with only light-touch admin needed

Back to SCHOOL

What brand of devices are available via ComputAbility?

We offer a huge range of devices from lots of brands you know and trust, including Apple, HP, Microsoft and Lenovo. We'll help you decide on the right devices to include in your programme that complement both your existing systems and your school's wider technology strategy.

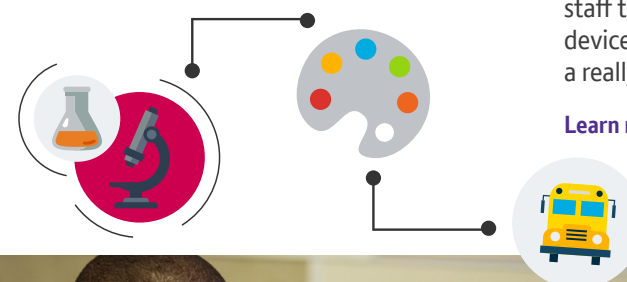### Involve parents to help drive their children's learning through tech

ComputAbility is an alternative way for schools and colleges to close the IT skills gap in education, and enable technology-based learning. Parents fund the tech their children need to enrich their learning, in school or college and at home.[1]

Learn more – bt.com/techknow/edu/ComputAbility

Empower your educators as well as your students, with BT TechPerks

In addition to the ComputAbility programme which provides devices for students, BT also offers a programme aimed at employees called TechPerks. Again, it's fully-managed and delivered by our finance partner. This end-to-end employee benefits programme offers employers a compelling employee engagement proposition. TechPerks gives staff the chance to own desirable computing devices and other home electronics products in a really affordable way through salary sacrifice.

Learn more – bt.com/techknow/edu/TechPerks

Go 1:1 with Windows 10

Features available only in Windows 10

☺ Windows Hello   ◯ Cortana   ✐ Windows Ink

MINECRAFT EDUCATION EDITION

A unique way of engaging students in learning, as in many cases students will pick up skills and topics subconsciously as they move through tasks in the game. This can be used across a range of subjects and encourages collaboration, creativity and is in-line with the curriculum.

Windows 10

Give your students and teachers the power to do more

There's lots of reasons to choose a Microsoft-based ecosystem for your 1:1 scheme, not least all the amazing features of Windows 10. One of the biggest reasons is device choice – and there's a huge range of brands and device formats to choose from. Your decision should be based on the needs of your students and staff, whilst making sure it aligns with your overall strategy.

Features of Windows 10

Inspire creativity and collaboration

Utilise the range of apps and group-work tools available, to encourage collaborative learning, and give every student a voice during projects.

Security and privacy

The most secure Windows ever released, there are layers of security to make sure that your devices and information are safe.

Save teachers time

With quick boot-up times for the devices, and easy roll-out of apps and tasks from teachers, it means more time can be spent teaching rather than on admin.

Easy deployment and device management

Device and app roll-outs have never been easier. Utilise your Office 365 cloud infrastructure, and create more connected classrooms.

Office 365

Have access to the functionality of the Office 365 toolbox including OneNote, Word, PowerPoint and Excel.

Intune for Education

Provides a simple and user-friendly way to manage your mobile devices. For example setting up default policies for student devices, and customised policies for your teachers.

Recommended devices

Lenovo 100e

If you're looking for an affordable laptop that's engineered specifically for students and educators, you'll love the Lenovo 100e. Its rugged build means it can withstand the rigors of classroom life. Its battery lasts the entire school day. And its connectivity features make collaboration smoother than ever.

| 11.6" HD Display | Intel® Celeron® | 4GB Memory | 64GB Storage |

Guide price

£199
Ex VAT

Quicklinx
DS18TKED

Dell Latitude 3380

Built with advanced applications for modern learning and best-in-class durability to withstand every school day. Encourage collaborative learning with the 180 degree hinge, making it easier to share content.

| 13.3" HD display | Intel® Core i3 | 4GB Memory | 128B Storage |

Guide price

£450
Ex VAT

Quicklinx
CVTRTKED

Windows 10 in S mode

Windows 10

Designed for education

Windows 10 in S mode is tailored for education. Security underpins S mode, as all the applications that you can use are verified by Microsoft, and downloaded from the Microsoft Store. You'll also be secure when you're online, browsing through the Microsoft Edge, your default browser. As well as security, you can expect speed from this operating system, as it's been designed to boot up quickly, and remain that way for the lifetime of the device.

It's also as flexible as you need your OS to be. You can browse the thousands of apps that are on the Microsoft Store. But if for some reason you can't find what you're looking for, you're able to switch the device out of S mode, and look on the internet.[1]

Windows 10 in S mode is available on a range of PCs and despite being a lighter version of the operating system, you still have the newest features including Windows Hello and Windows Ink.

1. Please note, if you switch out of S mode, you can't switch back into S mode.

HP Stream 11 Pro Education Edition

HP Partner First Platinum

Keep your students engaged with a device that's built for education. The HP Stream 11 Pro EE offers all the features that you require in your learning environment. As you'd expect it has the lightness and durability to let students learn outside of the classroom if they need to.

It also has a touchscreen display so students can learn simply with touch and tap access, and with Windows 10 in S mode you can be assured that students aren't accessing restricted content as all the apps available are vetted through the Microsoft Store.

| 11.6 " WLED Display | Intel® Celeron® | 4GB Memory | 64GB Storage |

Guide price
£260
Ex VAT

Quicklinx
DKW7TKED

Recommended devices

Acer TravelMate B118 *acer*

| 11.6" LED HD Display | Intel® Celeron® | 4GB Memory | 64GB Storage |

Guide price
£242
Ex VAT

Quicklinx
D36PTKED

Asus VivoBook E201 */ISUS*

ASUSPRO 3 YEAR ON-SITE SERVICE

| 11.6" LED HD Display | Intel® Celeron® | 4GB Memory | 64GB Storage |

intel inside™

Guide price
£217
Ex VAT

Quicklinx
D36NTKED

Griffin Universal USB-C Docking Station

Expand your PC's capability with this innovative docking station. It provides 4 USB ports as well as USB-C and HDMI connectivity, allowing you to connect to another monitor for group work, or a sound system for both student and teacher presentations. Or it could be used more simply to charge multiple devices, whatever you need it to do; and with an independent power supply, it will be ready whenever you need it.

Guide price
£99
Ex VAT

GRIFFIN

Quicklinx
DCR1TKED

C2G Mini Adapter & Converter

This all-in-one converter is perfect for utilising assorted displays with varying inputs from different devices. Be prepared for anything with this ultra-compact design that uses Mini DisplayPort to HDMI, VGA, and DVI.

Guide price
£28 Ex VAT

C2G

Quicklinx
D0DTTKED

Tech Literacy

Within 20 years, 90% of all jobs will require some elements of digital skills[1]

There are a few common misconceptions young people have about technology:

Geeky and niche

Not relevant to them

Too difficult to get to grips with

Can be a waste of their time

Our approach to improving Tech Literacy, is by making tech relevant to the real world. We provide real world examples of where students can relate to how important tech is, the future careers they can have and not to forget that tech is fun too.

Barefoot

The Barefoot Computing Project offers free, fun computing teaching resources for primary teachers. School workshops show teachers where to download them and how they work across the curriculum; giving teachers more confidence to prepare children to thrive in a digital world. BT currently has over 1000 employees signed up to this programme, delivering workshops to teachers.

75% of teachers strongly agree it's their job to prepare kids for a digital world, but only 25% strongly agree that they can.[2]

BT STEM Crew

Our BT STEM Crew programme teaches 11-16 year olds about the real-world application of science, technology engineering and maths. This is a joint initiative between BT and Ben Ainsley's charity, the 1851 Trust. Teachers and students can bring STEM subjects to life with free worksheets, quizzes and films. We want to show more young people how versatile and exciting these subjects can be.

Cyber Discovery

The Cyber Discovery programme is designed to help nurture and grow a workforce that's capable of filling the future vacancies in the UK in this field. It showcases to 10-18 year olds the wide range of exciting career paths that are available in the area of cyber security and starts to equip them with the skills and knowledge that they'll need if they were to pursue a career in this field.

Tablet Academy

We also work with organisations like the Tablet Academy to offer unique sessions to teachers and students. The Tablet Academy is a device agnostic organisation that support schools and colleges to help get the most out of the devices you integrate into your learning environment. Through a range of tasks, students get hands on experience of the different subjects and learning outcomes that the devices can be used across.

They offer Professional Development, pupil engagement days and festivals that are hosted in schools, and invite partner schools along. We find their sessions to be a great way of getting students more interested in tech with engaging content, and making learning more fun.

Get in touch with our education team to learn more about the full range of services that we can offer.

Learn more – bt.com/techknow/edu/techliteracy

1 . Source – The Department for Culture Media & Sport
2 . Source – BT and Ipsos MORI research on teachers, 2016

Tech Factor 2018

£20,000 in prizes

Closing date: 31st October 2018

Make a video to show us how you'd use a technology investment in your school, college or club and you could win one of four £5000 prize funds to spend on IT with BT.

3 categories to enter

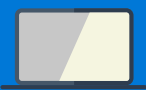**1. How would your school spend the money to improve Tech Literacy?**

£5,000 prize for KS1-2 winner   £5,000 prize for KS3-4 winner
KS1-2 runner up prize   KS3-4 runner up prize

2. How would/do you use technology to help students with special education needs?

£5,000 prize for the winner
2x runner up prizes

3. How will technology change your club?

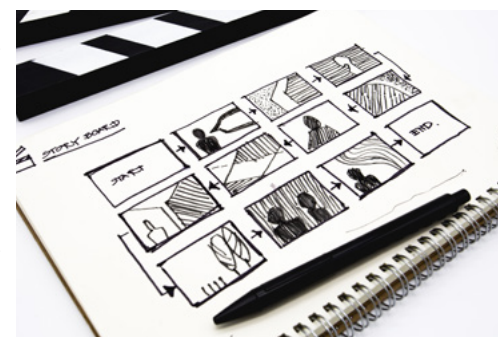£5,000 prize for the winner
2x runner up prizes

Learn more – bt.com/techfactor18

How to enter

Just make a video to tell us how you'd spend the money if you won! We're not looking for the next Steven Spielberg, so don't worry about the quality of the video – it's the idea that counts!

1. Have the idea and put together a storyboard for the category you want to enter

2. Create your 2-3 minute video showcasing your idea

3. Fill out and submit our entry form

4. Upload your video entry to YouTube and send the video URL to us via email to: btbd.b2bmarketing@bt.com

We'd love you to get your pupils involved

Why not get their ideas about how you could use tech in school to improve their understanding of it? You can even get them to help produce and star in your video. Last year's most successful videos were engaging because it's the students who featured in the videos.

View previous winners videos here:

https://www.businessdirect.bt.com/promotions-and-press-releases/latest-news/techfactor-winners/

This competition is open to schools, academies and clubs in the KS1–4 sector or their equivalent (i.e. teaching 5–16 year olds) only.
The closing date for entries is Wednesday 31st October 2018. For full Terms and Conditions, please visit our website: https://www.businessdirect.bt.com/promotions-and-press-releases/latest-news/tech-factor/

New term, new tech

Arm your students with the power to do more

Technology has a huge role to play when it comes to educating young people. And it can make the difficult task of running a school, college or sixth form much easier. We want to help you use technology to deliver an inspiring education.

We recognise there's an IT skills gap in education

- Having access to technology from an early age gives pupils the best chance of success
- Technology is playing a key role in the classroom. It's even affecting Ofsted ratings
- We understand there's ever tightening budgets, so investment in technology can often be a challenge
- We believe we have a responsibility to prepare students to play their part in the global economy
- We're passionate about helping students with special educational needs or disabilities to improve their capabilities using assistive technology

Boost student success with a mobile-first learning environment

aruba
a Hewlett Packard Enterprise company

Digital learning boosts student achievement and is vital to the modernisation of school curriculums and long-term success of educators. The next-generation wireless classroom lets everyone thrive when they use Wi-Fi enabled devices and apps that create a richer learning experience.

Reliable classroom Wi-Fi that won't interrupt learning

Wi-Fi-enabled Chromebooks, iPads and laptops are everywhere in the classroom. But they're only as reliable as the infrastructure they connect to. That's why it's so important to have a robust classroom wireless network that can handle everything you throw at it.

Take control of the classroom

Give teachers the ability to use Apple TVs and Chromecasts in every classroom without worrying about students hijacking them and causing disruptions.

Manage the network your way

When it comes to network management, you have a choice. Do it in the cloud or manage multisite, multivendor networks through a single pane of glass.

Get in touch with our IT specialists to learn more

0870 429 3120

Reduce eye fatigue and irritation

BenQ GW2480 23.8 inch, 1080p, Eye-care Technology

With a combination of LED and IPS technologies, this monitor delivers a new level of visual enjoyment with truly authentic colours, deeper blacks, higher contrast, and sharper details.

Key features

- Stunning Full HD display
- Wide viewing angle IPS panel
- Edge-to-edge slim bezel design
- Brightness intelligence technology
- Cable management system

Guide price

£80
Ex VAT

Quicklinx
DP8FTKED

C2G 3M High Speed HDMI® Cable with Ethernet

This cable is perfect for AV applications requiring high-speed HDMI features and video resolution up to 4k. The Ethernet capabilities allow a user to connect multiple Ethernet enabled HDMI devices through a single connection.

Guide price

£5.45
Ex VAT

C2G

Quicklinx
801LTKED

Protect your eyes

Exclusive BenQ flicker-free technology eliminates the harmful flicker of traditional LCDs to prevent fatigue and vision damage for your students and teachers.

Flicker-free

With
Flicker-Free technology

Without
Flicker-Free technology

Save space in the classroom

Lenovo ThinkCentre V310Z AIO

This all-in-one PC is ready for the classroom. Powerful, fast, and easy to manage, it allows you to open files, run apps, and multitask, effortlessly. Its 19.5" display boasts anti-glare technology so you can simply focus on what counts, getting stuff done. It's also energy-efficient and has enhanced security features - saving you money and undue stress in the process.

| Intel® Core™ i5 | 8GB RAM | 1TB storage | 19.5" display |

Flexibility to the max

With tilt and swivel adjustability, this all-in-one is ideal for anything from team brainstorms to working on presentations. It's also VESA-compatible, so you can mount it to any wall mount or monitor arm.

Guide price

£605
Ex VAT

Quicklinx
D11XTKED

Tablets built for the classroom

SAMSUNG

Deliver dynamic learning

Imagine if preparing materials for class was less time consuming, or if class content could be created anywhere. The Galaxy tablet with Softchalk makes this possible and gives educators back time that could be better spent with students.

Class presentations, handouts and management are made easier, and teachers can now focus on creating dynamic, interactive lessons for their students.

Samsung Galaxy Tab A Android 5.1

| T-Shark 2A CPU | 1.5GB RAM | 8GB storage | 7" display |

Guide price
£119
Ex VAT

Quicklinx
C1LHTKED

	C2G 3M USB 2.0 A Male to Micro-USB B Male Cable		
	Connect to mobile phones, GPS systems, PDAs, OTG devices and digital cameras by using the micro-USB connection on your computer or other USB device. Its small form factor is ideal for today's compact portable devices while easily transferring data or charging your device at a transfer speed up to 480 Mbps.	Guide price **£9** Ex VAT	**C2G** Quicklinx **9Y4KTKED**

24

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acer

Bringing classrooms to life

Meet the brand new and world's first ever Chrome tablet. It's a lightweight touch device, with the shareability and easy management that you're used to from Chrome OS. Plus, it comes with the stylus pen included, for a more natural writing and drawing experience.
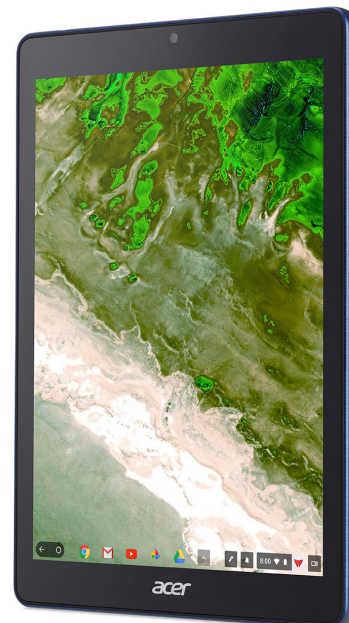
It also offers educational apps for K-3, STEM, video, multimedia, and classrooms with increased accessibility requirements.

Acer Chromebook Tab 10

| RockChip 3399 | 4GB RAM | 32GB storage | 9.7" display |

Guide price
£253
Ex VAT

Quicklinx
DLLPTKED

TechKnow

bt.com/techknow/edu

ASUS®

MIL-STD 810G GRADED ★★★

Military Standard Durability

ASUSPRO 3 YEAR ON-SITE SERVICE ★★★

25

All-Round Protective Guard Reduces Impacts From Drops

Intuitive Touch Display & Stylus [1]

Easy Repair & Hassle-Free Tear Down

Rugged. Flip. Touch

Designed to withstand every situation in school

The ASUS Chromebook C213 is the ideal education computer for every school IT manager, student, and teacher. With its classroom ruggedness, it's developed to meet the daily rigors and intense usage by students both inside and outside of the classroom. Beyond its rugged construction, it's also designed for easy maintenance to minimise downtime. The result is a Chromebook, which is designed for maximum usage, creating more learning opportunities for students.

| Intel® Celeron | 4GB RAM | 32GB storage | 11.6" display |

Guide price from
£291
Ex VAT

Learn more – bt.com/techknow/edu/c213

Back to SCHOOL

1. Stylus pen included with quicklinx D2P8 only.

Connect, communicate, collaborate

Unified communications (UC) are fast-becoming present in almost every organisation, and that includes education too. UC is the integration of all communication forms into one, be that telephone, instant messaging, or audio and web conferencing.

A range of features in Skype for Education can make learning more fun and engaging for students. Using their devices and just a few key features, students can complete a host of exciting activities:

| Virtual field trips | Skype Lessons | Skype Collaboration | Guest Speakers |

For more information, take a look at our Skype page: bt.com/techknow/edu/skype

plantronics

Plantronics Blackwire C3215 Mono USB Wired Headset

This Plantronics headset provides a low-cost yet high-quality corded USB headset that can be used by both students and teachers. The headset can help to provide flexible learning for students so that they can learn anywhere in the school, and they're durable enough to survive some bumps and drops along the way.

These corded headsets have excellent audio-quality, flexible USB connectivity and provide a solution that's easy to roll-out and manage once they're in use. They're also future-proof as they help students to get using the type of UC device that they could well be using in their careers after education.

Guide price

£49
Ex VAT

Quicklinx
DSRZTKED

TechKnow

DELL EMC PARTNER PLATINUM

55" and 86" also available

Touch the future

Dell 70 Interactive Conference Room Monitor C7017T

Present in Full HD, on a 70-inch screen, and keep your accessories organised by magnetically attaching them to the side of the screen. Plus, the special coating on the LCD panel reduces reflections and the fingerprints that come with a touch screen setup.

Guide price

£2,481
Ex VAT

Quicklinx
CGVLTKED

Elevate your classroom with this easily managed and expansive touch monitor

Large touch display for collaboration:

Easily work together with 10-point hand touch capabilities, two included styluses, and consistent colours across a wide viewing angle.

Easy to connect and manage:

Quick, optional wireless connectivity, and convenient access to DP, HDMI and VGA ports makes setup quick and easy, while the RS232 and RJ 45 interface allows for easy manageability.

Reliable with best-in-class support:

Trust the world's No. 1 monitor brand with the protection of 3-Year Advanced Exchange Service.

Call our sales team on **0870 429 3120**

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BT can help enhance your learning environment...

We're proud of our top quality customer service and our commitment to education. At Business Direct, we work hard to make long-lasting relationships, so we can enhance and implement your IT strategies.

"From initial bidding, through installations to after care support, BT Business Direct is always a pleasure to deal with."

Daniel Siggins | IT Manager | Bancroft's School

"I work with an IT Specialist that's friendly, honest and willing to go that extra distance so I get the right product, at the best price."

R.Tomlin | ICT System Manager | Marshalls Park School

"My first port of call for those regular one-off purchases, or infrastructure heavy projects that you can count on."

Dave Richardson | IT Manager | Nine Acres Community School, Isle of Wight

"I cannot fault our experience with BT Business Direct. I'm very impressed by the level of service and support they provide."

Clive Ellaby |Network Manager | The Deanery C Of E High School

Let us know how can we help
bt.com/techknow/edu/advice

0870 429 3090