



## Welcome to Microsoft's Digital Skills Programme

### Building a stronger digital talent pipeline

In a world being transformed by technology, developing children's digital skillsets is now more important than ever before. 65% of today's students will be in jobs that don't yet exist. That's why Microsoft has created its digital skills programme: a company-wide commitment and effort to support the growth of digital skills in the UK.

The Microsoft digital skills programme is designed for all ages, from seven onwards, and aims to provide everybody with basic online skills, nurture young people's passion for computer science and to prepare them for the world of tomorrow.

All these programme activities enable pupils to think outside the box, using technology in fun and creative ways to bring their ideas to life. There are also resources for teachers to build digital skills into lesson plans to ensure that all young people are equipped for the opportunity the technology-driven world of tomorrow will bring. See what it can offer your school:

<https://www.microsoft.com/en-gb/athome/digitalskills/>

## CIRCULAR COMPUTING REMANUFACTURED LAPTOPS

### Remanufactured HP 840 G1 Business Ultrabook Intel® Core™ i5-4th Gen Processor

The most environmentally, ethical and socially responsible way to purchase IT is with a remanufactured laptop from Circular Computing. The remanufactured laptops deliver a zero carbon footprint with an ethical supply chain and no eWaste or pollution. With each purchase, you are helping to preserve and protect the planet's valuable resources and enable the creation of sustainable communities in poor and developing countries.

Intel® HD Graphics 4000, 14" LCD screen, 180GB SSD, NEW battery, 8GB RAM, No optical drive, 3 x USB 3, VGA and DisplayPort, 720p HD webcam, Ethernet port, NEW AC dual band wireless, Microsoft Windows 7 COA, three-year warranty.

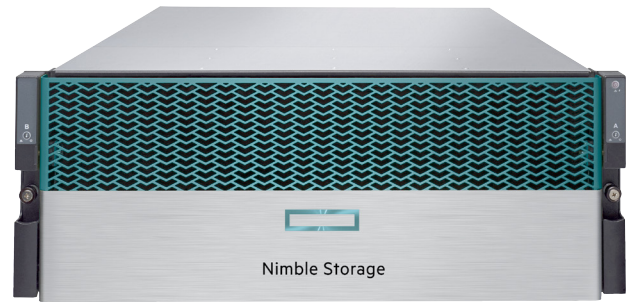
From either £415 or £12 a month on a minimum three-year rental period, both with a NEW battery and a three-year warranty.

- Add Windows 10 Pro for **£40**
- Add a refurbished docking station for **£60** or **£2 per month** for 3 years
- Add three-year Accidental Damage Insurance for **£92.60**
- Add three-year Accidental Damage and Theft Insurance for **£110.75**



[circularcomputing.com](http://circularcomputing.com)

## HPE Nimble Storage



### Intelligent, self-managing flash storage in the data centre and cloud

When apps slow down, you've hit the app-data gap. HPE Nimble Storage leverages flash storage and predictive analytics to eliminate the gap and guarantee 99.9999% availability, delivering the best all-flash capacity per TB in the industry – and future-proofing design for value today and tomorrow.

#### HPE Nimble Storage benefits:

- HPE Recovery Manager Central (RMC)
- Evolving data protection architectures for business-critical applications
- Flash-integrated data protection
- Elimination of backup windows and enables fast recovery
- Reduction in cost and complexity
- Reduces risk exposure
- Built for cloud data protection for Hybrid IT

Dave Bartlett, Technical Director at Medhurst has recommended HPE's Nimble Storage solution to solve a number of customers' data storage issues. "We have recently installed HPE's Nimble Storage solution across a number of user sites with heavy data usage. Our initial tests have found that the platform is more efficient and users have been able to store more data per raw TB than they could previously. Our customers have found the Nimble Storage solution very easy to use and manage as well as being able to employ on-device backups providing recovery points as regularly as every five minutes without saturating the underlying network. Infosight from HPE is provided with all Nimble products and provides customers with visibility to their infrastructure from the cloud alongside pro-active alerting and comprehensive monitoring of all Nimble arrays."

## THE FAMOUS MEDHURST PRE-LOVED PCs

A 'Pre-Loved' computer makes financial sense for many schools and offers an affordable and reliable alternative to brand new computers.

As one of the largest suppliers of second hand computers in the UK, we offer a three year warranty on PCs that typically cost less than half the price of a new one.

### HP EliteDesk 800 G1 Small Form Factor PC

- i5-4th Gen, 8GB RAM, 120GB SSD, Windows COA, including a 3 year warranty for £215 or £6 a month rental for 3 years
- i5-4th Gen, 8GB RAM, 240GB SSD, Windows COA, including a 3 year warranty for £230 or £6.50 a month rental for 3 years
- Add a keyboard and a mouse for £10
- Add one of our ex-lease HP E231 23" monitors for £70
- Add Windows 10 Pro for £40

# Active Monitoring - A complete guide for Local Authorities and Multi-Academy Trusts

Appropriate monitoring is now a safeguarding requirement for schools. As a Multi-Academy Trust do you know what your schools should be doing? Download Smoothwall's Complete Guide to Digital Monitoring for MATs to find out how:

<https://smoothwall.com/active-monitoring-local-authorities-and-multi-academy-trusts/>

#### In the guide, you'll learn:

- How to ensure your schools are monitoring to the standard required
- How to integrate active monitoring into an existing safeguarding strategy
- How to evaluate the solutions on the market
- How much you or your schools should expect to pay
- Answers to other commonly asked questions



## The Benefits of Circular Computing for Chichester High School

Jim Turner, Network Manager at forward thinking TKAT Multi-Academy Trust Chichester High School, is a passionate IT enthusiast that wants the best for his school, its environment and the children's education. Jim's challenge was to replace the existing tired laptops with enterprise grade laptops working to a budget. He wanted performance without compromise and to avoid budget models known for unreliability.

We worked with Circular Computing to deliver a sustainable IT solution for Chichester High delivering 114 re-manufactured laptops that cost up to 40% less than comparable new laptops, without compromise on quality or performance.

Jim's decision champions carbon zero laptops, educating and enabling welfare within vulnerable societies through Circular Computing's reforestation programme in India and Zambia and proves that you can make better buying decisions without compromise.

With Chichester High School looking to further its green initiatives, the Circular Computing concept has helped reduce e-waste, prevent further CO2 emissions and provides the foundation for a sustainability drive at the school. Jim, inspired by the Circular story, is recycling the old laptops by selling and gifting to charitable causes. Any funds received are invested into new school extracurricular activities, happy that "IT can now do its bit to contribute to the environment".

***"Good high quality, high spec and reliable laptops, that look just like new. Medhurst's Circular Computing re-manufactured laptops represented the best value for my budget."***

Jim Turner, Network Manager, Chichester High School

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[linkedin.com/company/medhurst](https://linkedin.com/company/medhurst)



# We're Cyber Essentials Certified

Backed by the UK Government's National Cyber Security Centre, the Cyber Essentials scheme helps organisations to protect the confidentiality, integrity and availability of data stored on devices which connect to the Internet such as desktop and laptop PCs, tablets and smartphones and all types of server and networking equipment.

This certification means that our IT systems and software meet a detailed set of requirements and we have Cyber Essentials technical controls in place to protect against the vast majority of common cyber attacks.

With Cyber Essentials Certification, our customers can be reassured that we are working to secure our and their IT against cyber attack and can help our customers have a clear picture of their organisation's cyber security level.

Together with our accreditations in ISO 27001:2017 and ISO 9001:2015, our clients can be assured that Medhurst is serious about delivering all our services to a very high and secure standard and that all our staff are committed to operating to this standard for both business improvement and improved customer experience.



## PRIMARY SCHOOL UPDATE



We know that time, energy and inclination to put together learning material for ICT, in particular, is at a premium. With this in mind, we wanted to draw your attention to Barefoot Computing, a national project designed to support primary teachers with the computing curriculum.

All of the Barefoot resources link directly to the programme of study for Computer Science and are completely free to download. From the Barefoot website teachers can access free lesson plans, resources to support their teacher development and free volunteer-led workshops:

### Classroom Resources

Created by a team of practising primary teachers, Barefoot's high quality, cross-curricular activities help bring computational thinking concepts and approaches alive in engaging and practical ways. Barefoot will help you get your class comfortable with logic and algorithms before you know it!

### Teacher Resources

Barefoot has resources to help improve your subject knowledge and understanding of computer science. There are clear definitions, examples and progression across all primary school age and ability ranges, all designed to help you deepen your understanding of computational thinking and computer science topics.

### Barefoot Workshops

In-school CPD workshops, run by trained volunteers, introduce teachers to the Barefoot resources including how to bring them into the classroom and take pupils on a journey of computational discovery. Barefoot workshops happen in school, to suit staff schedules offering live support and real world examples to sit with the lesson plans.

The best way to find out more about Barefoot is to request one of Barefoot's free workshops. The workshop is interactive, teachers will be asked to get involved with lots of the unplugged activities and hopefully have some fun whilst realising that teaching computing is not something to be feared, in fact you are teaching a lot of the core elements within other areas of the curriculum already!

To request a free Barefoot workshop, just complete this simple form:  
<https://www.barefootcomputing.org/request-a-workshop>

