

# innovation 4



# education

technology for **secondary education**



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Welcome to your new Secondary Education Guide, offering a comprehensive round-up of all the latest technologies and innovations for the full Secondary education spectrum, from front office to cookery classes. Here you can delve into a wide range of products that help to make today's Secondary education establishments run at peak efficiency.

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To discuss further the full range of technological opportunities we can provide, call our specialist sales team on **01379 649200** or visit **www.midwich.com**.

Look out for further brochures targeting additional markets within the education sector including:



# technology for front office

As the gateway into any Secondary school environment, a school's front office must be running at peak efficiency, throughout the whole school day. The front office is at the centre of school-wide communication, relaying information to students, staff and parents alike through bright and impactful videowalls to sharp and powerful printed hand outs.

## Multi-touch interactivity that welcomes any pupil to school

With a bright LED anti-glare screen and a wide viewing angle, parents, students and visitors alike will be marvelled by the Hitachi 65-inch LED 6 point IR touchscreen. Incorporating a host of clever features, such as 4/6 person multi-touch interactivity and the optional built-in PC, this screen eliminates the need for additional software, creating the all-round welcoming solution for any front office.

HITLEDFHD6516

**HITACHI**  
Inspire the Next



## Safety and security are always top of the list

Surveillance based security is now recognised as a standard requirement for education and Midwich is able to help from start to finish with assistance on product specification, system design and installation training. Whether an industry expert or new to the market, Midwich is the ideal partner for surveillance solutions.

Call our specialist security team today on 01379 647500 to find out more

**midwichsecurity**  
delivering intelligent solutions



## Ideal for anyone looking for a fast, high quality, high volume printing

Print school information on demand, in-house and with ease using the OKI C831DN A3 colour laser printer. With the fast print speeds, high capacity toners and flexible paper handling, receptionists can rely on this device to deliver all their day to day business documents.

C831DN

**OKI**  
PaperCut



Public sector pricing available



## No need to make an educated guess

OKI Original Consumables have done all the homework for your customers, offering key reasons as to why buying original is always best. OKI Original Consumables drive down the cost of ownership, with a 3 year warranty to cover parts and labour.

## The key to an efficient office

Whether it's student letters or formulas on Excel, this LG 22-inch LED VGA DVI monitor makes any receptionist's tasks quick and easy. With a response time of 5ms, tasks will be complete in an instant, while the VGA, DVI and USB interfaces allow for extra versatility at no extra cost.

LG22MB65PMB

**LG**



**"Half** of UK state schools do not have sufficient access to ICT and computers"

Source: BESA research - <http://www.besa.org.uk/news/>

# technology for libraries

Libraries are key areas for focus and thinking for many students so easy access to of high-end monitors and powerful printing devices is vital. Being a hub of information, libraries need to have the technologies to support all students through projectors, large formats screens and monitors.

## This monitor does the work for any user

The 24-inch NEC MultiSync EA244WMI is an LED-backlit desktop monitor ideal for users who want to enhance their work performance easily, efficiently and effectively. Height-adjust, pivot, tilt and swivel capabilities add flexibility and comfort to user viewing preferences while the human and ambient light sensors automatically detect work conditions to determine the proper display brightness, conserving power.

EA244WMIB

**NEC**



## Discover a new level of interaction with this multi touch LED display

Allow pupils to get even closer to the online world with this 55-inch Full HD LED display from Philips, with 5 simultaneous touch points. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

PHILCDBDL5554ET

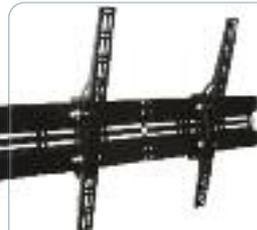
**PHILIPS**



## Looking to mount this display?

Designed for flat screens up to 80-inch, the Btech BTEBT8432B is suitable for VESA and non-VESA flat screens, adding versatility and accessibility to every school classroom.

BTEBT8432B



## Connect and communicate with this effective colour multifunctional

A high performing networked multifunctional device with Wi-Fi connectivity and mobile printing. It's easy-to-use and productive features allow focus to remain on the task in hand. Fast print speeds mean students won't be kept waiting for those final essay files, while Apple AirPrint and Google Cloud Print means they can print from any mobile device, at any time, at any place.

MF8580CDW

**Canon**

Public sector pricing available



**PaperCut**

**Sophisticated and innovative, perfect for extended use**

The Hitachi CP-TW2503 3LCD projector combines optimum picture performance with maximum energy savings through the ImageCare technology, perfect for long and extended use throughout the school day. Project messages, information and creativity with ease and convenience.

HITCPTW2503



**HITACHI**  
 Inspire the Next



**Looking for a suitable lamp?**

For competitive pricing and a huge vendor stock holding, call 01379 646898.

**Wirelessly control any computer across the library while walking and standing**



Staff recognise the need to interact with students across the library while being able to control software applications whether in a standing position or while walking. The elegant Air Mouse Elite works both as a regular mouse on any desk and in the air providing 360° freedom of movement.. The wireless keyboard also provides a 30m operating range allowing students and teachers to type from across the room.

GYR5600LKUK



**Listen to audio in style, while remaining comfortable**

Enjoy Sony quality sound in comfort with these MDRV150 headphones. The 2m cord affords excellent flexibility and the ear cups are reversible for easy single-sided listening. Plus they come with a stereo unimatch plug for use with various audio equipment.

MDRV150

**SONY**



**Optimal viewing comfort for writing, typing and watching**

Height adjustability and screen rotation allows students to set the perfect position of the screen, ensuring ergonomic posture and optimal viewing comfort for essays, research or reading. Triple input support of analogue, DVI and HDMI ensures compatibility with the latest installed graphics cards and embedded Notebook outputs as well as being Energy Star Certified.

IIB2280HSB

**iivama**



**Value added services**

**Do you want more out of a product? Midwich brand specialists can help**

Within the Midwich group we have over 50 brand specific sales specialists to help you select the right products for your customers' needs.

Find out more at [www.midwich.com/about/specialists](http://www.midwich.com/about/specialists)



"Over **1/2 million** pupils are being taught with equipment dating back to 2008. Are you on top of the refresh cycle?"

Source: Casio Projectors report, [www.itproportal.com](http://www.itproportal.com)



technology for

# cookery classes

Mixing, whisking, cooking and frying require the perfect tools to get the perfect results. With the likes of Daewoo, Russell Hobbs and Breville, teaching students the skills they need for a positive future in cooking has never been so easy.



## Whatever size classroom, think Sharp PNY

Ranging from 32-inch to 55-inch, the Sharp PNY range of widescreen LED displays are perfect for accompanying classrooms demonstrations, whether you have a small corner space or large front area to play with. Display cookery videos and techniques to the whole class with ease, while the embedded USB media player means no extra hardware or software – practically wire free.

SHALCDPNY325 / SHALCDPNY425 / SHALCDPNY475 / SHALCDPNY555

**SHARP**

## Wide zoom range for hassle-free replacement and new classroom installation

Featuring a brightness of 3,200 ANSI lumens, a high contrast ratio and an XGA resolution, the cost-effective, energy saving and eco-friendly MX570 offers a stunning full-screen viewing with the finest details, regardless of the ambient light level.

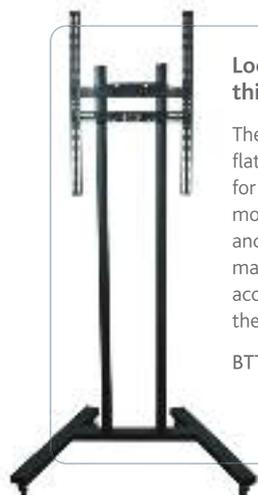
Educational pricing available on request, speak to your account manager today.

BENQMX570



### Looking for a suitable lamp?

For competitive pricing and a huge vendor stock holding, call 01379 646898.



### Looking to mount this display?

The B-Tech heavy-duty stylish flat screen trolley is designed for screens up to 50-inch, mounting in both landscape and portrait style. Offer manoeuvrability and easy accessibility from anywhere in the classroom.

BTTROLLEY



## High quality, bold sound that travels around even the busiest of classrooms

The Apart active 2-way stereo speaker set, with RS-232 control, is a versatile and very compact, easy to use, plug and play sound system that supplies classrooms with crystal clear sound, from background music while you whisk to display audio support while watching online content.

APSDQ5PIRW





**Need hot water  
 at lightning speeds?**

The Breville VKJ142 Hot Cup dispenses boiling water at just the touch of a button, faster than waiting for any conventional kettle. Cut waiting time for students, who are restricted by lesson time, while the smooth and continuous flow of water keeps splashing to a minimum. Safe, secure and a real time saver for any cookery classroom.

BRVKJ142



**Want more cooking time?  
 Here's the solution**

This 6-in-1 multifunction opener incorporates an automatic can opener, plus two integrated opening tools, perfect for saving student time so the focus can remain on their cooking. Simply place a can underneath the cutting unit, press down the lever and the can will automatically be opened – could it be any easier?

MR46718



**Easy and quick operation  
 with seamless integration**

The Daewoo KOR6L77 manual microwave oven in white, is designed to be easy to operate, featuring 5 Power Levels, a 35 minute timer and a push button door open mechanism. Allow students to heat, reheat and cook food at high speeds, making the conventional oven a thing of the past.

DAKOR6L77



**A powerful tool that keeps all  
 creative mess under control**

The Henry 780W Commercial Vacuum Cleaner is a reliable, quality product that will have any classroom cleaning done in no time, with minimal fuss. With an extendable 12.5m cable and a wide collection of accessories, freely tackle any area with ease, even those accidental ingredient spillages.

NUMNRV200C2



**Any cooking enthusiasts  
 key partner**

Taking up considerably less space than a conventional oven, this Russell Hobbs mini oven offers a large and small hotplate, 1300W oven, includes a baking tray plus grilling rack with handle. Allow students to cook, learn and engage with this all-round cooking solution.

RH13824-10



"The world population is set to reach 7.6 billion by 2020, up 700 million from 2010, with the number of 5-17 year olds growing by nearly **50 million**. There is also increasing demand by mature students seeking to up-skill to meet the needs of the modern workplace."

Source: The UK education market opportunity, i2i events



technology for

# science labs

Experimenting can be a tricky process to teach students, whilst ensuring safety is a high priority at all times. From carbon monoxide alarms and emergency evacuation ceiling speakers, students can experiment, learn and engage easily, safely and securely.

## Be a class act *with 3D print*

Supporting new materials for production Nylon; as well as ABS and biodegradable PLA, engage and hold student interest with three dimensions, stimulating their learning experiences. Tackle difficult concepts with visual and tangible aids with the availability of single, dual or triple print jets, easy setup, wireless connectivity and fast print speeds.

CUBEPRO | CUBEPRDUDO | CUBEPROTRIO

View these models at [www.midwich.com/q115edu3dprint](http://www.midwich.com/q115edu3dprint)



**Cube**



## Take the excitement anywhere *and in style*

The Hi-Lo® Screen Lift 750 electric mobile TV lift provides a stylish and ergonomic mount for plasmas and flat screens of up to 65-inches. Take live presentations anywhere around the classroom with the specially designed trolley base, perfect for users of all heights and wheelchairs, ensuring interaction is safe and easy.

LOX8960



## BRAVIA displays for education – add impact to scientific images

The BRAVIA range of professional LCD displays offers a compelling blend of picture performance, reliability and affordable running costs, perfect for displaying intricate cells, bacteria and much more. Thin, light and easy to transport, these professional-quality displays make a highly practical must-have in smaller classrooms.

SONYFWD60W600P

3 year swap warranty, reducing downtime for teaching



60"

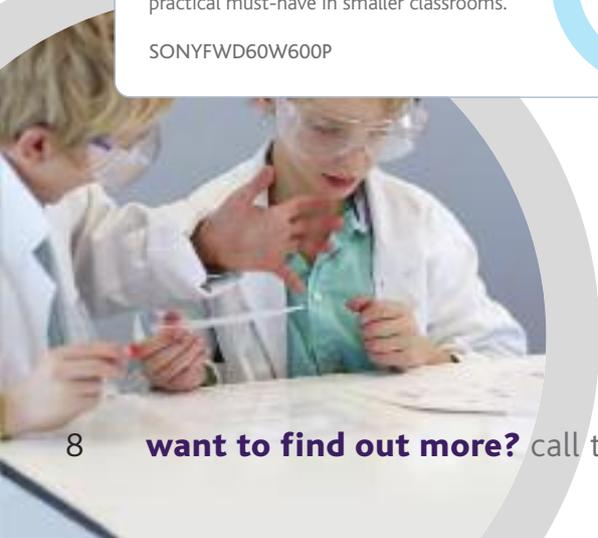
**SONY**

## Value added services

Have you discovered the benefit of a good marketing effort?

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Find out more at [www.midwich.com/services/marketing](http://www.midwich.com/services/marketing)



**Emergency evacuations**  
 are kept under control with TOA

This EN54 rated ceiling speaker features an iron-made dome that prevents the fire from spreading in the ceiling in case of an emergency situation, perfect for any Bunsen burner mishaps that may occur. Listen to high-quality sound knowing that students are safe while experimenting.

TOAPC1867FC



**Complete the solution...**

...with the TOAVM3240VA highly cost-effective combined emergency voice alarm system and public address system.



**The perfect partner for the TOA evacuation system**

This professional A4 mono laser printer makes the perfect partner for the TOA voice evacuation system with fast print speeds of 100ppm, allowing student registers to be printed quickly during an evacuation. With the backlit LCD display, students can easily navigate through the menu, saving time in class.

HLS7000DN



Public sector pricing available

**Ultra-short-throw never looked so good**

The Casio XJ-UT310WN offers users lamp-free laser and LED hybrid light source projection, perfect for even the largest and brightest of classrooms. With a low TCO, minimal maintenance and downtime, staff can focus on their class while the Casio XJ-UT310WN does the hard work for them.

CASIOXJUT310WN



5 year / 10,000 hour warranty on both hardware and light source plus a FREE bracket

**Discreet protection that keeps everyone safe and secure**



The carbon monoxide alarm protects against the dangers of this poisonous gas by providing continuous monitoring of CO levels. This alarm can be easily installed on a wall or as a table top unit for added convenience, ensuring students remain safe 24/7.

KCO1SA6



**High-definition content for easy viewing pleasure**



The DC125 high-definition document camera is operated with only one USB cable connected to a computer, for easy interactive presentations. The DC125 has a professional image sensor that delivers vivid colours at high-definition QXGA and Full HD 1080p output resolutions with 30 frames per second refresh rate.

LUMENSDC125



"More than three-quarters of teachers surveyed (76%) are using technology in all or most of their lessons, but only **15%** are totally computer savvy, including interactive whiteboards, according to a report by Virgin Media Business and Generation Tech.

GenerationTech VMB June 2014



technology for

# media rooms

A media room is key area for any student to get creative so ensuring they have the right devices, tools and equipment to do so is vital. From editing suites using high end monitors to 4K displays for analysing film scenes, creative thinking and learning will be a breeze with Midwich.



24-27"

## Market-leading colour accurate desktop monitors

Specifically designed for the creative industry, Eizo's displays are used by artists who are at the top of their game including renowned photographers, animation studios, visual effects companies, fashion houses and graphic designers, the perfect tool for any budding media student. EIZO ColorEdge monitors can be depended on to show accurate colours every day of their 5 year warranty.

EIZOCG247BK, EIZOCG277BK,  
EIZOCX241CNBK, EIZOCX271CNBK,  
EIZOCS240BK



## The key to pupil interaction teamed with high levels of accuracy

This energy efficient 65-inch multi-touch display, boasting up to 5 simultaneous touch points, allows for direct pupil interaction for an exciting and engaging learning experience. Thanks to a unique anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown meaning valuable learning time isn't compromised.

NECLCDV652TM



65"



### Looking to mount this display?

The CHIEFFXSMU installer-inspired fixed mount solves top flat panel installation problems, offering perfect screen positioning and flexible adjustments for extra-large flat panel screens.

CHIEFFXSMU



## Astound pupils with sharp and impactful images

Project sharp and impactful images in a school assembly with the NEC PA522U WUXGA projector, with a multi-screen picture and up to 4K interface. With a full 360° vertical free tilt and extremely long lamp life, this projector not only minimises total cost of ownership but can be easily installed with no disruptions to the school day.

NECPA522U

### Looking for a suitable lamp?

For competitive pricing and a huge vendor stock holding, call 01379 646898.





**Analysing a film scene?**  
 Do so with high-quality,  
 professional yet  
 affordable speakers

These USB powered compact 2.0 multimedia speakers make the perfect, and discreet tool, for media classrooms who are looking to view, analyse and dissect film material in style on a desktop or PC. The flat panel design allows for easy packing and transportation, while the volume / power are easily adjustable when in use. What more could students ask for?

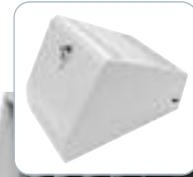
EDFM1250



**Never see a dark iPad screen  
 again with the Loxit iBank**

The Loxit iBank 8 Wedge ChargeConnect provides lockable Universal USB charging for the management of up to 8 devices. With the ability to constantly charge classroom iPads, students will always be able to explore the worldwide web, watch videos and broaden their minds through apps, downloads and much more.

LOX7711



**Creative documents  
 never looked so good**

The Ricoh SG3110SFNW 4-in-1 colour multifunctional printer makes the best companion for any high colour documents. Whether it's printing, copying or scanning, student work will always be of the highest quality. The Ricoh Smart Device Print&Scan app allows for easy and secure printing / scanning from any smart device.

SG3110SFNW



Public  
 sector  
 pricing  
 available

**Creativity's right hand man**

This compact and tough digital camera is waterproof down to 25m, shockproof up to 2m drops, freeze proof up to -10° and dustproof, making it the perfect tool for adventurous and creative media students. GPS and full HD movie mode make this tough and compact camera the perfect companion to document your activities, no matter what shots students are looking for.

PSD30



**High quality sound delivered time  
 and time again**

Control music wirelessly with these easy to use, stylish Bluetooth headphones. Skip songs and change the volume using the buttons on the side and easily recharge using the provided USB cable. High quality sound is delivered by powerful 40mm drivers and a bass system, perfect for students analysing, viewing and watching movies for research purposes.

GOODGHP04BTBLK



London schools launch £72m ICT services 'Lewisham ICT' Framework for Education. Over four years for ICT goods and services and will allow organisations in London to buy a vast array of ICT – from tablets, telephone solutions to network infrastructure, interactive classroom services, AV solutions and digital signage.

Education Executive, October 2014



## Speak to the experts

We trust that you can clearly see the difference that Midwich delivers when it comes to working with you.

Our dedicated specialist sales support teams are here to answer any questions you may have, help you identify the right solutions for your customer, arrange demonstrations, training or even support you through delivering information for tenders or special bids you may be working on.

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