

Digital Strategy

Mr Howard Barnes – Director of Studies

Mr Paul Beasley – Head of Information Technology

Mrs Janine Le Cras – Network Manager



The
Ladies' College
Guernsey

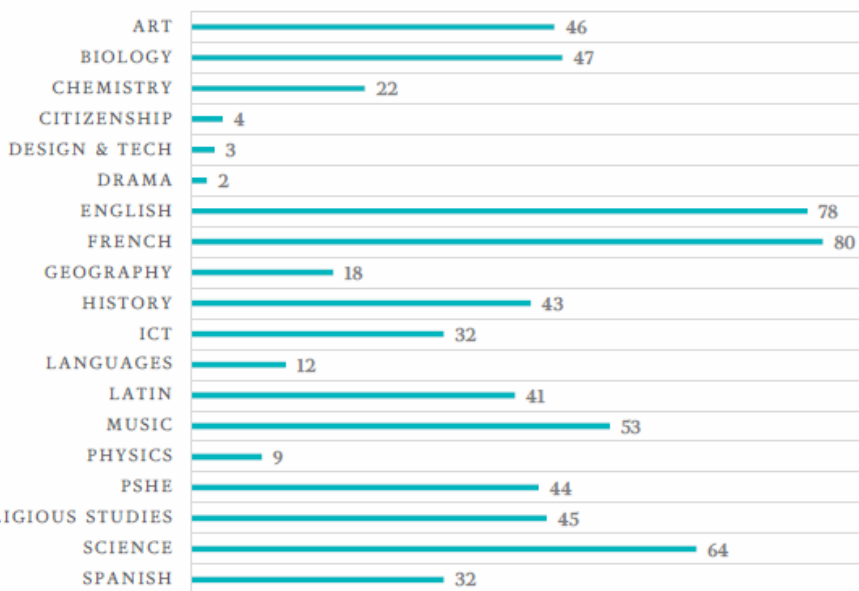
Background

- Two years ago requirement for BYOD
- Minimum requirement smartphone
 - Students already had
 - Internet, camera, battery life, apps
- Uses
 - Research, access information, extension/support tasks
 - Photos/video - experiments, performances, notes, H/W
 - Starters/reviews - Kahoot, Quizlet, etc
 - Specific apps – datalogging, languages, ShowBie, ...
 - Office 365

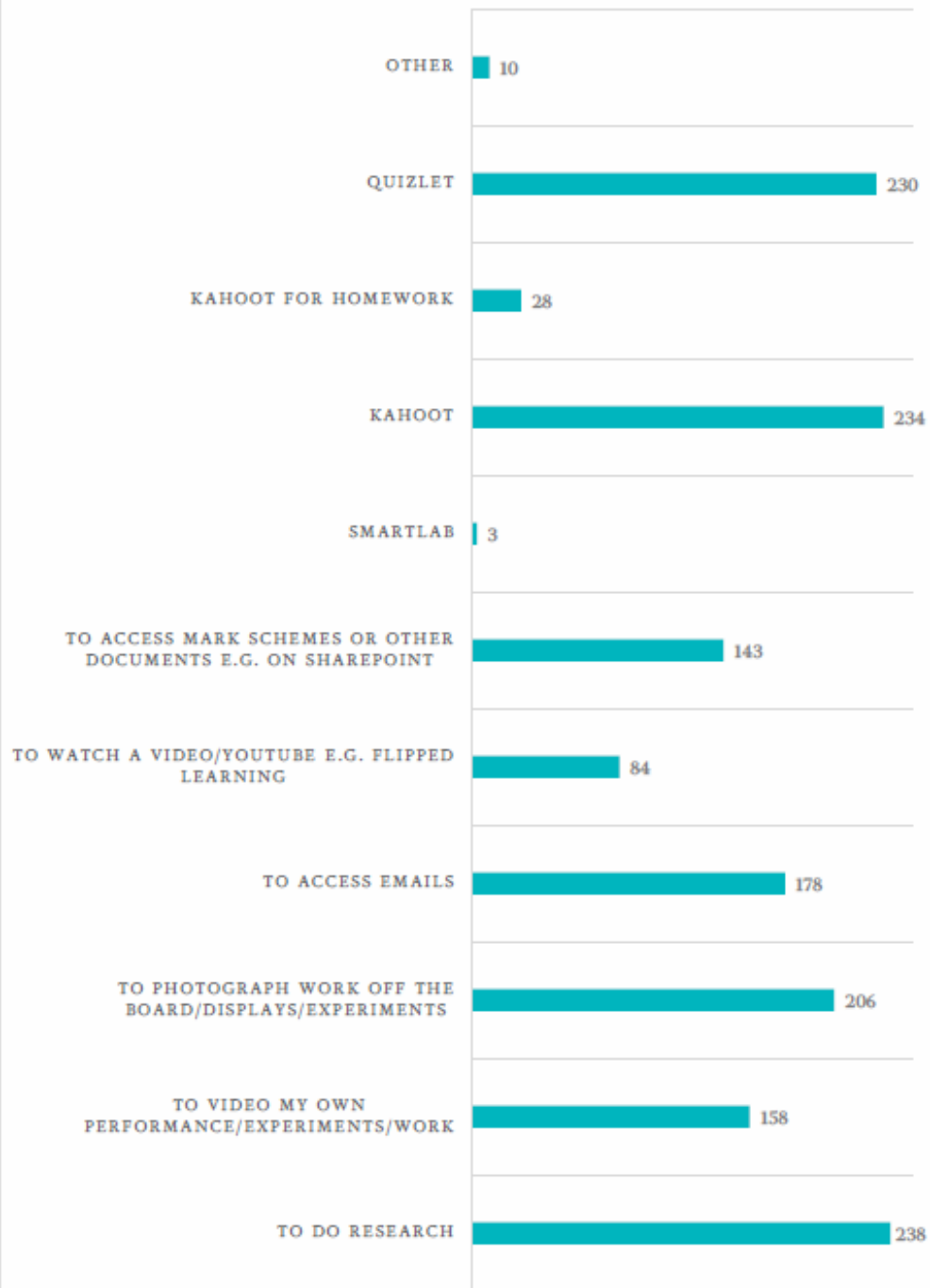


Student survey May 2018 after BYOD introduction in September 2017

PLEASE STATE THE TOP 3 LESSONS WHICH YOU ARE MOST LIKELY TO USE YOUR BYOD:



PLEASE TICK ANY YOU HAVE USED IN LESSONS:



NEWS

11/6/19
Computer
gaming: 25
jobs for every
one applicant

13/6/19
20% of vacant
jobs are
digitally based

Human staff will always be needed, Amazon insists



Dave Lee
North America technology reporter

6 hours ago 3

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How to cope with email overload

By Ben Morris
Business reporter, BBC News

🕒 9 hours ago



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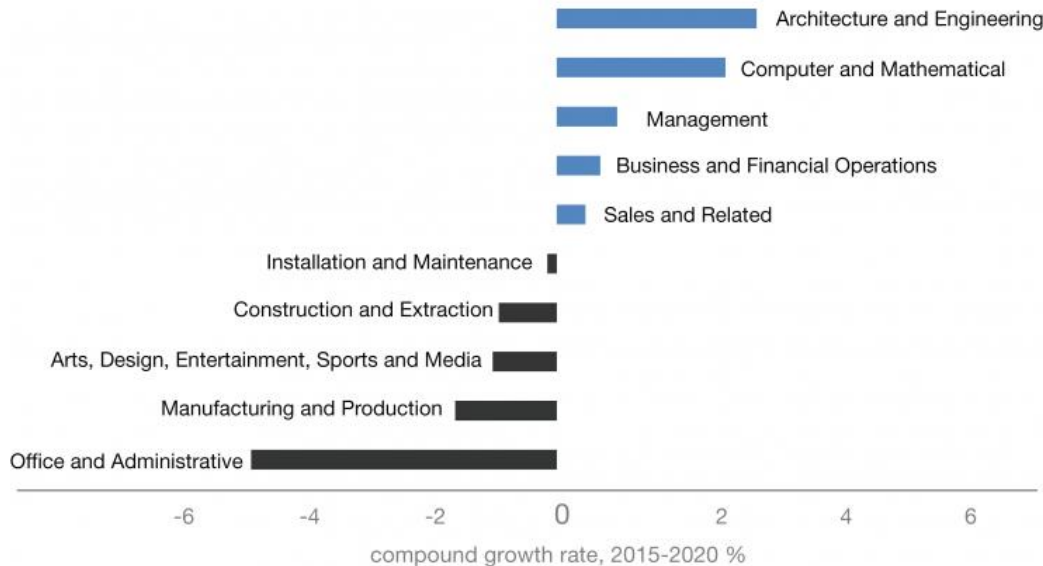
GETTY IMAGES

All those emails you don't have time to deal with could be making you ill

Educating for the jobs for the future



Job families in decline and on the rise



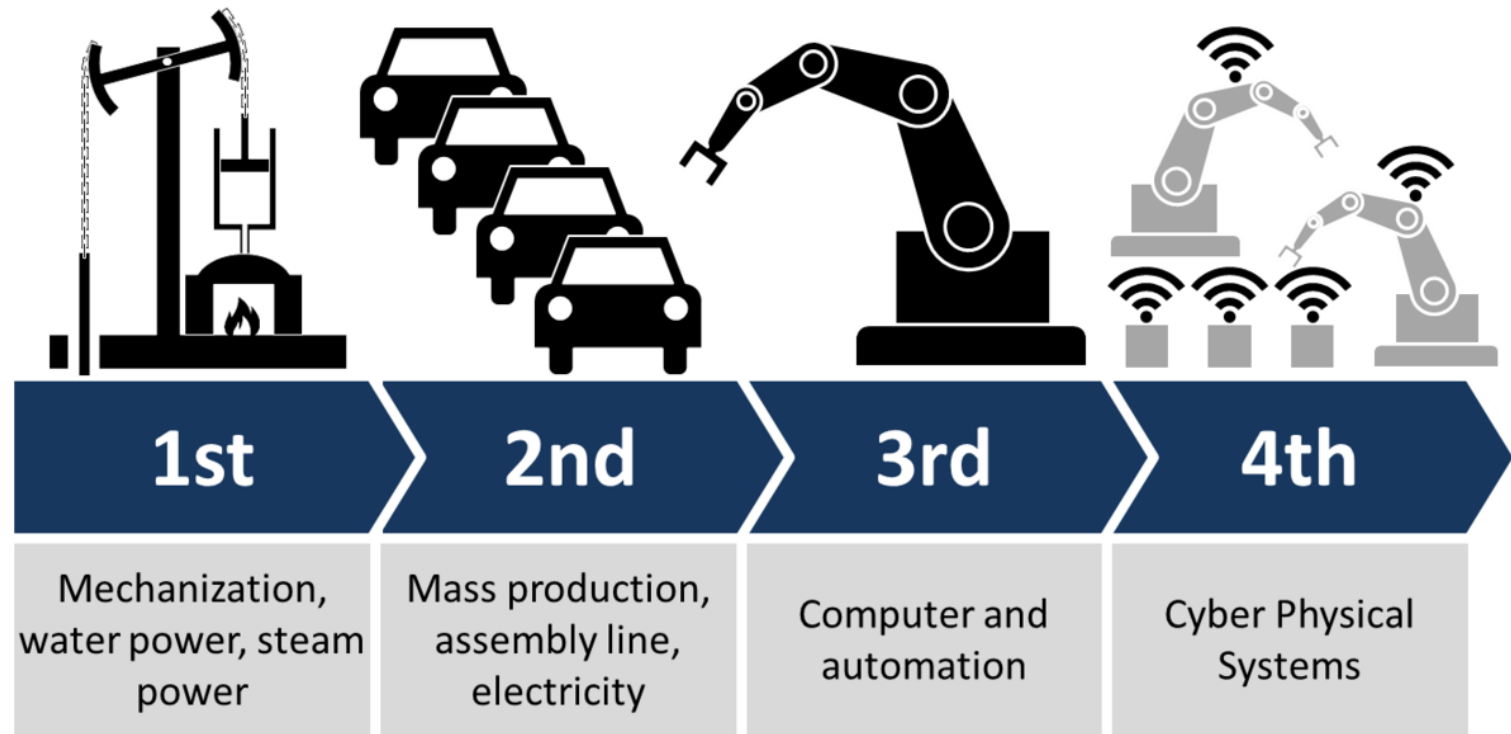
Source: Future of Jobs Report, World Economic Forum

A decade ago, we couldn't imagine many of the jobs that exist today. Roles like social media manager and cloud services engineer weren't really possible.

<http://www.businessinsider.com/popular-jobs-in-the-future-2013-9#-20>

How many of these are a reality 6 years later...

What does this mean?



Money, money, money – Fortune 500 most valuable companies in USA 1990 - 2018

	1990
Company Name	\$Million
General Motors	173,297.1
Ford Motor	160,893.3
General Electric	128,344.0
Exxon Mobil	83,219.0
Intl. Business	77,734.0

	2018
Company Name	\$Billion
Apple	926.9
Amazon.com	777.8
Alphabet	766.4
Microsoft	750.6
Facebook	541.5

How the internet changed the world

How we work?



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- SPECIALIST VEHICLES
- DRIVER ASSESSMENT
- HOURLY TUITION OR INTENSIVE COURSE

OUR REPUTATION SPEAKS FOR ITSELF

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DRIVING STANDARDS AUTHORITY

DIA
DIAMOND ADVANCED INSTRUCTOR

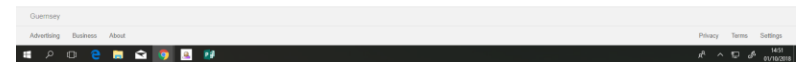
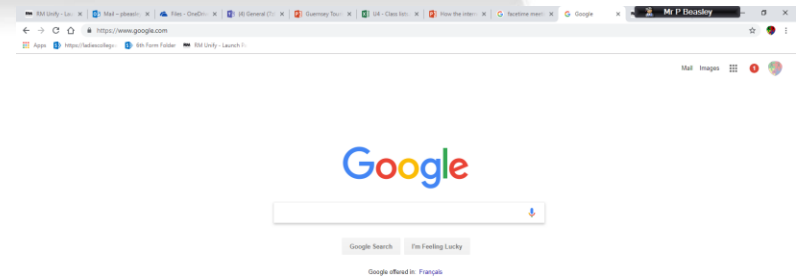
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How the internet changed the world

Rationale

- **Future skills**
- **Personalised learning**
- **Engagement / deeper learning**
- **Digital well-being**
- **Improved communication**
- **Environmental and efficiency considerations**
- **Security**
 - **Information and Threats e.g. viruses**
 - **Phishing**



Example – educating for future safety

Hello!

I'm a programmer who cracked your email account and device about half year ago.

You entered a password on one of the insecure site you visited, and I caught it.

Your password from xxxxx@your account on moment of crack: yyyy

Of course you can will change your password, or already made it. But it doesn't matter, my rat software update it every time.

Please don't try to contact me or find me, it is impossible, since I sent you an email from your email account.

Through your e-mail, I uploaded malicious code to your Operation System. I saved all of your contacts with friends, colleagues, relatives and a complete history of visits to the Internet resources.

Also I installed a rat software on your device and long tome spying for you.

Payme ££££££ bit coins or.....lock computer / publish photos / etc

What actions should you / your daughter take?

Moving forward

From September 2019, Remove students will be required to have either a Microsoft Go or Surface Pro.

These devices will be the students digital learning device and will be managed on The Ladies' College network.

All students will be required to have the one of these managed devices by September 2021.

Microsoft Go - £475



Recommended for
Remove and Lower Four

- With case + £45
- Insurance/ 2 year extended warranty
- or home insurance
- Pen/mouse (optional)
 - can be purchased later
 - Keep at home?

Microsoft Pro - £805



Recommended for Sixth Form, students wanting larger screen/faster speed

- With case + £45
- Insurance/ 2 year extended warranty?
- or home insurance
- Pen/mouse (optional)
 - can be purchased later
 - Keep at home?

Purchasing the devices

We have explored leasing and finance options however best value for parents is to purchase through our College supplier (CCS Media).

- Devices will be delivered to College but registered to and owned by the purchaser (parent or guardian)
- A link is present on the RM Launchpad (accessed via the ParentPortal) to collect details including optional extras
- You will then be contacted by CCS Media to arrange for payment.

What is meant by a managed device?



Students already have access to the Microsoft Office365 suite that includes their OneDrive and email accounts.

We are upgrading our accounts to give access to additional security and data protection features.

Student devices will be enrolled onto the College system using Microsoft Intune:

- Requires a clean install, new devices are delivered to College to be enrolled before issuing
- Students can use their devices outside of College as normal
- Additional management and protection while on College network



Advantages of a managed device

We can push out updates and programs e.g. security certificates or applications for use in lessons.

All students come to lessons with devices that have the required applications.

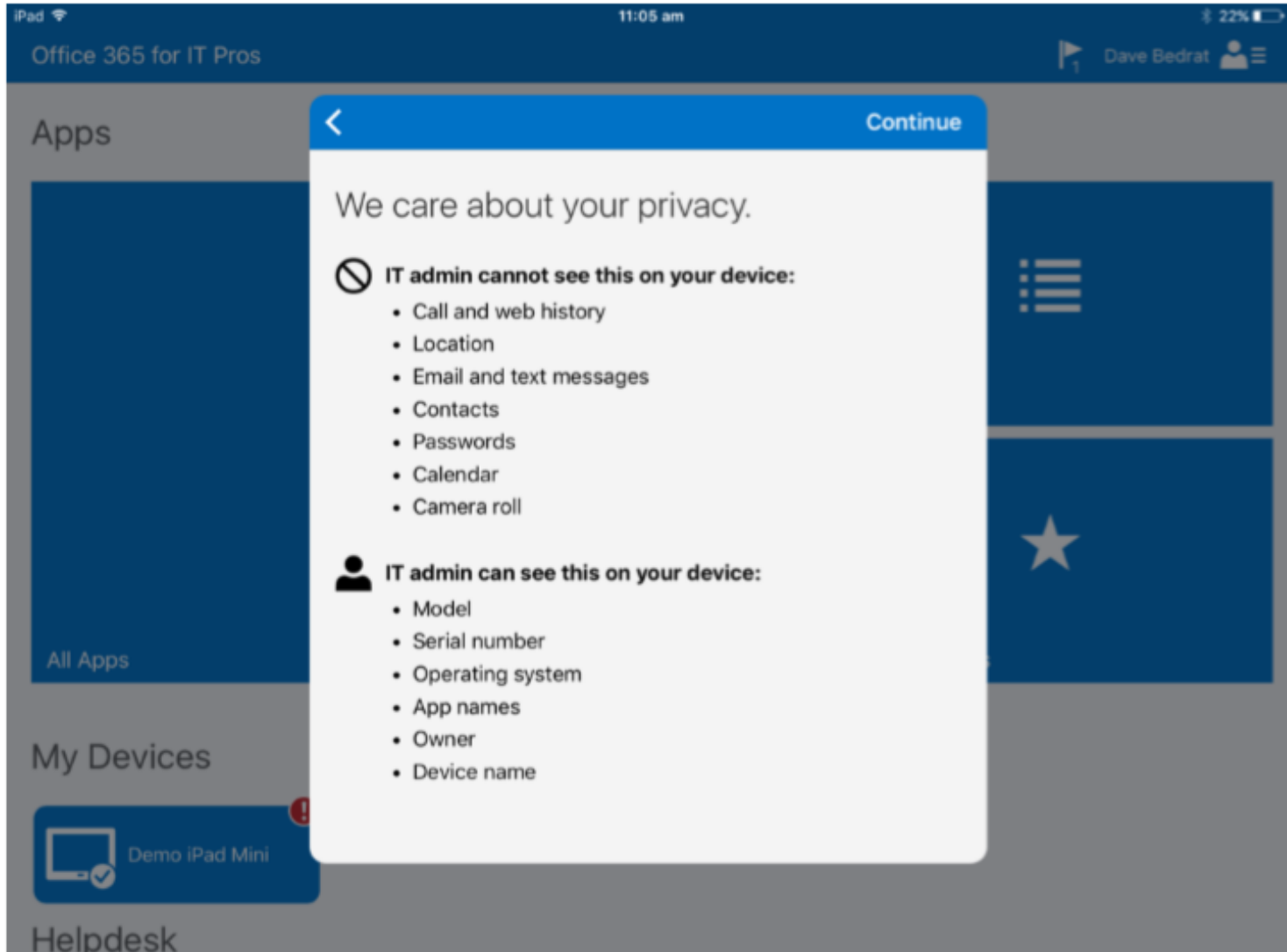
We can regulate who can and can't access our network.

We can provide support and instructions for these devices. Teachers cannot be experts on all operating systems/devices.

Increased security e.g. screen lock, up to date anti-virus, latest Windows updates installed, network access.

We can wipe College data remotely should a device be lost.

What information can be seen?



Communications to Parents

We rolled out Parent Portal to parents in November (accessed via www.rmunify.com)

- See/check details
- Download reports
- Attendance data
- Timetable
- *Behaviour (not currently used)*

www.ladiescollege.com

for help and support.

RM Launchpad

- device ordering Form
- Other useful links



Communications to parents

Two further apps with be coming to you next year



- ParentHub

- available now, please sign up as per website or see Janine after the presentation
- replaces the GroupCall emails and prevents spoofing/phishing attacks

- CareMonkey

- details to follow next term
- enables completion and return of forms electronically
- ease of use, no lost forms!



Other key updates

- New Wi-Fi network
 - Improved coverage and access
 - No need to switch to 4G
 - Smart filtering continues through LCG-Wi-Fi
- Microsoft Teams
 - Tried and training given for staff
 - Enables students to access multimedia for tasks easily
 - Lists homework tasks – we are keeping homework diaries
- Independent Learning including collaboration
 - Use in lessons and through devices
 - New room set up to encourage

<http://www.ladiescollege.com/our-school/senior-school/independent-learning>



Digital literacy, online safety and netiquette

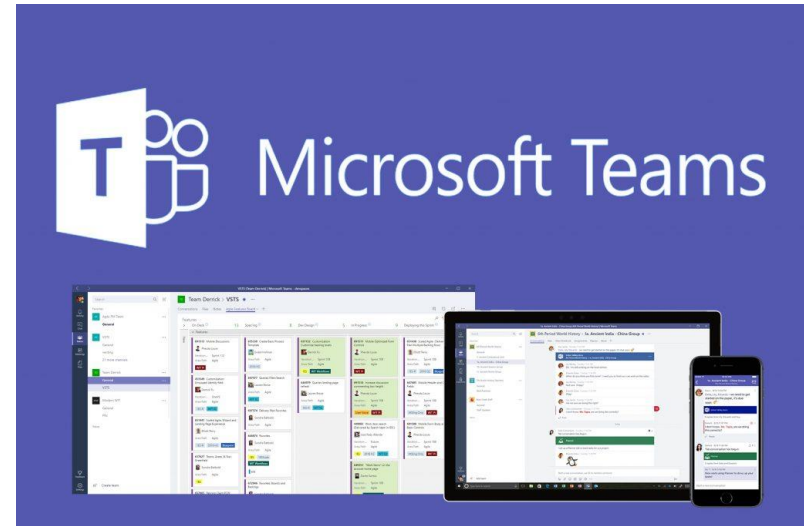
Mr Paul Beasley – Head of IT and E-safety



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Digital Literacy – Core Skills

- Word Processing
 - Presenting
 - Modeling
 - Desk Top Publishing
 - Coding
-
- Virtual Learning Environment



Upper Four and above will have the opportunity to take Microsoft Office Specialist exams



Online Safety

Two Main Personal Dangers



Yourself

Your wealth



Netiquette and Ideology



Digital Footprint
=
Digital Tattoo

Support



- Smoothwall is used to filter content and safeguard students <https://smoothwall.com/>
- South West Grid For Learning provides resources as well as giving us early warning of any activity to be aware of e.g. Momo in February. <https://swgfl.org.uk/>
- iDEA is an online resource that aims to develop students skills in digital literacy and enterprise, headed by the Duke of York, and equivalent to the Duke of Edinburgh award – open to anybody! <https://idea.org.uk/>

Thank you

Parent Hub help - Mrs Janine Le Cras

Online Safety or other IT General – Mr Paul Beasley

Digital Strategy – Mr Howard Barnes



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Parent Hub Workshop



The Parent Hub app is FREE to download and use.



- Go to the Apps store for your device and download the app
- Create yourself an account
- Choose "Add a School"

@LCGSY