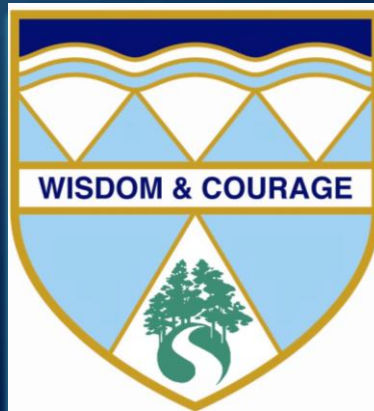


# KALAMUNDA SHS PARENT BYOD INFORMATION EVENING 2020

TREVLYN FARRAR

NETWORK ADMINISTRATOR



# BACKGROUND

- Kalamunda SHS recognised the need to prepare students for a rapidly changing world where technology plays an increasing role in students' everyday lives. As a result a transition to the BYOD model began in 2015.

Our BYOD Info webpage on the School Website

<https://kalamundashs.wa.edu.au/byod-information/>

# EVOLUTION OF COMPUTERS

- The speed of computers has increased exponentially in the last few decades. Today's Smartphones are faster than the Supercomputers of 20 years ago.
- The storage capacity of devices has also increased. 1TB microSD cards are now available.
- We now have more devices (20+ billion) connected to the Internet than the earth's population!

<https://www.businessinsider.com/infographic-how-computing-power-has-changed-over-time-2017-11?IR=T>

<https://www.i-tech.com.au/sandisk-1tb-extreme-microsdxc-uhs-i-memory-card-without-adapter-c10-u3-v3>

<https://www.zdnet.com/article/report-iot-devices-to-dominate-connected-device-landscape-by-2021/0-4k-a2-micro-sd-sdsqxa1-1t00-gn6mn-ffcsan1tqxa1gn6mn.html>

# DIGITAL SKILLS FOR THE FUTURE

- Digital literacy will soon be as important as basic numeracy and literacy. It means being familiar with the main technologies needed to live, learn and work in society including the internet, online systems, social media and mobile devices.
- As industries undergo technological transformation and changes in trends, the workforce will also need to evolve. For example, more people working (and studying) from home, the construction industry using robots and Smart homes (lights, plugs, sprinklers, appliances etc).

<https://dif.vic.gov.au/editorial/578-a/work-skills-for-the-future>

<https://www.computerweekly.com/news/252465587/A-third-of-jobs-could-become-redundant-as-a-result-of-digitisation>

# ONLINE TESTING AND ASSESSMENTS

- From 2019, NAPLAN was conducted using an online platform. Students at Kalamunda SHS who have a device are encouraged to use them for the test.
- Tests in higher years (10 -12) such as OLNA are done online.
- Most of the courses and assessments at Universities and TAFES are now online.
- In the future, year 12 WACE exams may also be done online (similar to NAPLAN). South Australia are already on the way to having their SACE exams done online.

<https://www.abc.net.au/news/2018-09-11/sa-trials-first-year-12-electronic-exams/10230748>

<https://www.sace.sa.edu.au/about/sace-improvement/electronic-assessment/exams>

# KALAMUNDA SHS BYOD PROVIDERS

JB Hi Fi Solutions (Education and Commercial division)



Stott and Hoare



Winthrop Australia



## WHY THESE PROVIDERS?

- They sell products with Commercial warranty and service and are established ICT vendors in Perth.
- Commercial Warranty is more comprehensive than standard retail warranty. For further details contact the representatives at the end of the session.

<https://www.accc.gov.au/consumers/consumer-rights-guarantees/warranties>

# KALAMUNDA SHS DEVICE MINIMUM HARDWARE REQUIREMENTS

The recommended device specifications include:

WiFi Connectivity (5GHz, a/b/g/n/ac)

Screen size of at least 10 inches

Minimum of 4GB RAM and 128 GB of storage

At least 5 hour Battery Life

Active Pen and Keyboard

USB connections (USB 3, USB -C)



# KALAMUNDA SHS SOFTWARE REQUIREMENTS

- Windows 10 Pro (or Pro Education) Operating System.
- Microsoft Office 365 (provided by school). Students will need to activate their account.
- Antivirus Software (Windows 10 has a free antivirus called Windows Defender). However, paid antivirus products (which may have more features) can also be used.
- **NOTE:** Apple iPads do not meet the hardware and software requirements for the BYOD program.

# WHY WINDOWS 10 PRO

- Windows 10 Pro has more features than Windows 10 home such as:

Take a Test feature

Domain join

Single sign on for Azure hosted Apps etc

- “The big difference between Windows 10 Home and Windows 10 Pro is the security of the operating system.” – [Coolblue.nl](http://Coolblue.nl) and [Lifehacker.com.au](http://Lifehacker.com.au)
- A detailed list from Microsoft is here

<https://www.microsoft.com/en-au/windows/compare>

# DEVICES OFFERED IN THE BYOD PROGRAM

- Although there are several options in the market, we've selected a few models for our BYOD program.
- Microsoft Surface Go and Surface Pro (all three vendors)
- Lenovo Thinkpad/Yoga (Only Winthrop and Stott+Hoare)
  
- **NOTE:** Parents/Carers are free to purchase other Windows 10 devices that meet all the hardware and software requirements.

# SUGGESTIONS FOR ADD-ONS/EXTRAS

- It would be a good idea to purchase a rugged case for devices. They cost less than \$100 but can prevent a lot of grief (especially cracked screens).
- Opting for the 3 year warranty can also prove very valuable.
- **NOTE:** devices purchased from a retail store normally come with a 12 month limited warranty and in some cases a 24 month limited warranty (for more expensive devices). Please speak to the vendor/reseller for full details.

# ICT SERVICES AT KALAMUNDA SHS

The ICT Team supports students in the following ways:

1. Presentations/sessions at the start of the year to set up student accounts, connect to the Wi-Fi and school resources, activate Microsoft Office etc.
2. Support for Student account issues/Connect, Wi-Fi issues, Microsoft 365 issues.
3. Support for Student queries regarding specific websites and cyber safety.
4. Setup sessions for students to install the NAPLAN browser on their devices before NAPLAN online.

# SERVICES WE ARE UNABLE TO PROVIDE

The ICT Team at Kalamunda SHS are unable to provide the following services:

1. Hardware replacements and fixes.
2. Virus removal and sanitization.
3. Recovery of files due to data loss.
4. Resetting subject-specific accounts like Mathspace, Stile etc (managed by teachers)
5. Support of any non-educational programs (such as games etc)

Such services will usually require the support of the vendor (for warranty/hardware) or an external ICT company for data recovery etc.

# CONNECT FOR PARENTS

- Kalamunda SHS uses Connect LMS for Student Learning and Assignments.
- Teachers upload assignments and students can submit their work online.
- Parents are given a Connect login (P number – for example P1234567) and they can check their child's progress, get notifications from teachers etc.

<https://connect.det.wa.edu.au>

<https://kalamundashs.wa.edu.au/connect-for-parents/>













# SCHOOL POLICIES AND NETWORK USAGE

- The WA Government has banned the use of mobile phones in schools.
- Kalamunda SHS has an Acceptable Use Policy for online services.
- Appropriate action will be taken if a student violates these policies.
- The activities of all students are monitored when they are connected to the school network.
- However, parents/carers can use third party solutions such as Family Zone if they wish to monitor their child's activity outside school hours.



# CYBER SAFETY

















- We encourage all our students, staff and parents to follow safe cyber practices.
- Phishing (emails containing malicious links and files) is currently one of the most popular methods for cyber attacks. Malicious apps/programs are also very popular.
- Below is an example of an app (Tik Tok) transferring data from a student device.

14:39:39				)	blocked	client_monitor.isnssdk.com/
14:39:39				)	blocked	client_monitor.isnssdk.com/
14:39:37				)	blocked	client_monitor.isnssdk.com/
14:39:37				)	blocked	client_monitor.isnssdk.com/
14:39:35				)	blocked	client_monitor.isnssdk.com/
14:39:35				)	blocked	client_monitor.isnssdk.com/

<https://www.esafety.gov.au/education-resources>

# EXAMPLE OF BANNED CONTENT

- In the example below, a student attempted to access an inappropriate game. Our systems blocked it. The student was called to the ICT office to have a chat, we reminded the student about school policy, Student Services were notified and action was taken as described in the ICT Infringements policy.

Date/Time	User	Source	Action	URL	Category Description
11:01:13			) blocked	www.gunblood.com/	Explicit Violence
11:01:13			) blocked	www.gunblood.com/	Explicit Violence
11:01:10			) blocked	www.gunblood.com/	Explicit Violence
11:01:10			) blocked	www.gunblood.com/	Explicit Violence
11:01:09			) blocked	www.gunblood.com/	Explicit Violence
11:01:09			) blocked	www.gunblood.com/	Explicit Violence
11:01:08			) blocked	www.gunblood.com/	Explicit Violence
11:01:08			) blocked	www.gunblood.com/	Explicit Violence

# THANK YOU FOR YOUR TIME!

For BYOD enquiries, feel free to contact the ICT office.

ICT office phone numbers: 9293 6428 and 9293 6429

ICT office located in the school library.