

**Bring Your Own Device
(BYOD) at
Caroline Chisholm School**



Learning Today, Leading Tomorrow

Caroline Chisholm School Vision

Caroline Chisholm School (CCS) is committed to providing a technology rich environment for our students. Our community believes the use of Information and Communication Technology (ICT) is fundamental in assisting teaching and learning in all areas of the school curriculum. We believe our students should have the tools they need to learn anywhere, with access to everything they need when they need it.

“The rate of change in technology and in society is so rapid that to prepare young people to live, work and be successful in the 21st century, they will need the ability to think both creatively and critically, problem-solve and work collaboratively.”

- 21st Century Skills for Australian students

What is BYOD?

“Bring your own device (BYOD) refers to technology models where students bring a personally owned device to school for the purpose of learning. A personally owned device is any technology device brought into the school and owned by a student (or the student’s family), staff or guests” (Alberta Education, 2012).

Why BYOD?

- BYOD will allow students to access real-world learning platforms that are easy to use and familiar to them, so they can learn, create, communicate and collaborate from anywhere.
- BYOD provides opportunities for more personalised, student centred learning and makes differential learning easier.
- Engaged learners are better learners. Bring your own device puts students in a position of power and responsibility over their learning.
- BYOD bridges the gap between in school and at home learning.
- 21st century skills are cited by many authors as a justification for the BYOD. To learn more about 21st Century Skills visit <http://www.p21.org/>
- As of July 2015, all secondary ACT Public School students will be the best connected in the country. They will be attending schools with the highest speed internet access in Australia.

Caroline Chisholm School has decided to lock down the model to the Chromebook. The reasons for this decision include:

- Price - ranges from \$300 - \$500
- Security - operating system is virus-resistant by design
- Light weight and small size
- Long battery life
- Instant On - less time booting
- Ease of use - Using a Chromebook is exactly the same as using a browser on any other computer
- Web only applications - Everything is web-based, which makes the Chromebook agile and safer to use
- Personalisation - When a student logs into a Chromebook - any Chromebook - their personal apps are delivered to the student for a consistent work environment
- Use of peripherals (mice, keyboards, monitors, SD cards, USB devices)
- Wireless networking - All Chromebooks come standard with wireless networking
- Applications (Apps) - Google and third-party vendors offer a variety of web-based apps that duplicate almost every desktop application available today
- Multimedia capability - Every Chromebook comes equipped with speakers, a camera, and ports for headsets/earbuds/speakers, as well as USB (2.0 and 3.0) ports for USB multimedia devices
- Video conferencing - Every Google user can take advantage of Google Hangouts, which is a video conferencing service that works very well on the Chromebook.



The benefits of locking down this model include: student computers all have the same capabilities, so no student is working with an inferior tool and teachers can plan learning activities around these capabilities. Teaching and learning should be the focus and not on technology.

Availability and Costs

The Chromebook can be purchased from a number of local suppliers, including Good Guys, Officeworks, and the CCS School website (<http://www.chisholm.act.edu.au>) . Our suggestion would be for you to shop around to get the best deal.

You may consider purchasing extra warranty to reduce future repair costs as this device will be used extensively.

We also suggest that you purchase some form of protective case to protect the device in the student's school bag and some headphones.

The Chromebook, if looked after, should last the 4 years your son/ daughter attends high school.

The purchase of this device could be considered to be quite costly for some families so Caroline Chisholm School will be providing options such as payment schemes and hiring with the view to owning the device outright. Please speak to the Front Office for more details.

Digital Backpack: backpack.ed.act.edu.au

The Directorate's online learning platforms are provided in a one-stop-shop portal called *The Digital Backpack*. The Backpack enables students to access their learning at school, at home and through the growing network of publically available Wi-Fi in the ACT and on their own device of choice.



The Digital Backpack is our online portal which provides safe and secure access to a range of online learning platforms for students.

The Digital Backpack

- can be accessed from any device with a modern internet browser at school, home, anywhere!
- Is an easy way for students to access all of our online learning services with just a single SchoolsNET username and password.
- Is hosted and protected by secure ACT Government identity and access management systems.

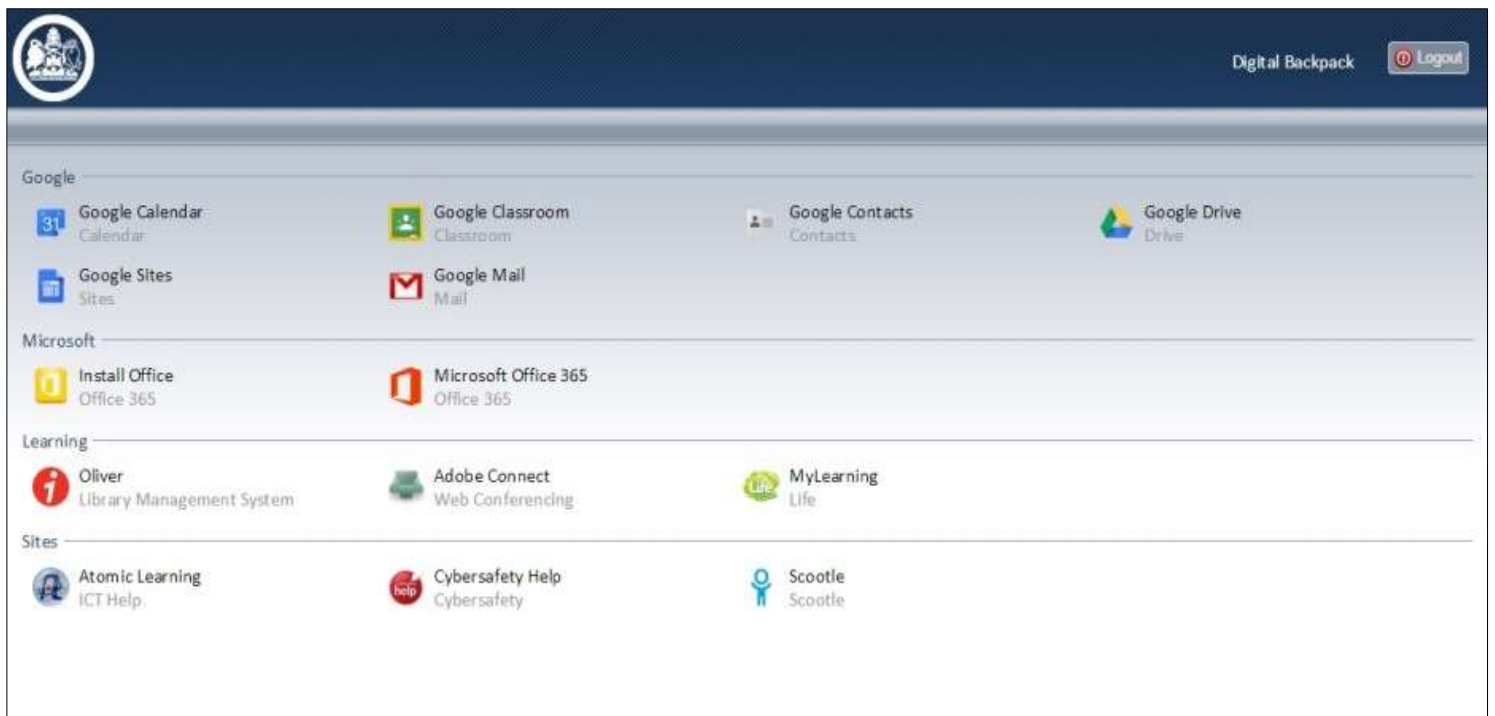
What's in the Digital Backpack?

The Digital Backpack includes a range of online learning platforms for students including:

Google Calendar
Google Classroom
Google Contacts
Google Drive
Google Sites
Google Mail

Install Office
Microsoft Office 365
Oliver
Adobe Connect
MyLearning

Atomic Learning
Cybersafety Help
Scootle



Screenshot of Digital Backpack

All of these details are correct at time of printing. However, due to the changing nature of technology and the departments commitment to provide the best possible service for our teachers and students, the Digital Backpack may evolve.

GAFE – Google Apps for Education

In a very exciting venture, the ACT Education and Training Directorate has provided us with the opportunity to adopt the cloud services from Google Apps for Education (GAFE) and Microsoft Office 365. This venture has incredible educational benefits for teachers, students and parents.

Google Apps for Education provides students and teachers with online productivity tools for classroom collaboration. *Google Classroom* offers students and teachers the ability to share learning in one place, share ideas, announcements, and track and submit assignments. With unlimited cloud storage in *Google Drive*, our students and staff can store all their resources online and within reach from any device with internet access. Student learning stays with them, no matter which ACT Public School they attend. The *Google Apps* platform also offers a student email service hosted on our secure SchoolsNET domain, which provides the Directorate with added security, control and support.



Student Email – Gmail

The student's email address will be their studentID@schoolsnet.act.edu.au

For example:



Jill PETHERBRIDGE

9920659@schoolsnet.act.edu.au

Office 365

The Directorate also has a new licensing agreement with Microsoft. All students can download the latest version of Office Pro Plus (Word, Excel, PowerPoint, OneNote, Outlook, Publisher, Access and OneDrive) completely free on up to 5 personal computers or devices.



Cybersafety

In the digital *Backpack* there is a link to the cyber[smart:] website (<https://www.esafety.gov.au/>).



Cybersmart is a national cybersafety and cybersecurity education program managed by the Australian Communications and Media Authority (ACMA), as part of the Australian Government's commitment to cybersafety. The program is specifically designed to meet the needs of its target audiences of children, young people, parents, teachers and library staff.

More information and help guides can be found on the ACT Education and Training Directorate website:

http://www.det.act.gov.au/teaching_and_learning/learn-anywhere-ict-for-students/resources-anywhere-digital-backpack

Acceptable Use of ICT – Parents and Students

When a child is enrolled in an ACT public school a parent/ carer must complete the *online enrolment/transfer form*. Part of that form is the *Communities Online: Acceptable Use of ICT – Parents and Students*. This outlines acceptable use of ICT, permissions for Internet and Email, and provides you with access to Google Apps and Office 365.

Students and parents are advised to read the *Caroline Chisholm School IT Code of Practice for Students* (Appendix 1) which is designed to support and supplement the *Communities Online: Acceptable Use of ICT – Parents and Students*.

Security and Insurance

Students bring their devices onto the school site at their own risk. If you are concerned the device is going to be broken, lost or stolen, you may wish to consider specific accidental loss and breakage insurance for the device. Please contact your insurance company to arrange policy cover for the device at school.

We would suggest that you record the serial number of your device and add your name or easily identifiable mark.

Students are to place their devices in lockers when not in use. Students will need a padlock for security.

Daily Expectations

We expect all personal devices to arrive at school fully charged. However, should students need to charge their devices at school they must:

- use their personal charging cables that have been tested and tagged by an authorised officer at our school
- maintain control and responsibility for their devices at all times
- maintain the devices and accessories in good working condition (i.e. no exposed wires, cracked or broken devices, transformer or plugs)
- ensure that when charging devices they do not create Workplace Health and Safety (WHS) issues (e.g. creating trip hazards or blocking thoroughfares).

We do not provide cables or adapters to allow students to charge their device at school. Students may be asked to move or unplug their device if they are creating a WHS issue. Students may only charge where there are accessible power points and with permission from the teacher.

School Support

The school will support in connecting your device to the WiFi with Fact Sheets (Appendix 2) and through support from the Information Technology Officer (ITO).

Students are solely responsible for repair and maintenance of their own device. It is not the school's responsibility.

Warranties: Students should understand the limitations of the manufacturer's warranty on their BYOD devices, both in duration and in coverage. Under Australian consumer legislation, warranties usually last for one year, during which any manufacturing defects will be repaired or the device will be replaced (as per the specific terms and conditions of the manufacturer).

Extended Warranties: At the time of purchase, students may also purchase an optional extended warranty (past the standard warranty period) from the supplier/manufacturer of their device, during which any manufacturing defects that may occur will also be repaired.

Years 6, 7 and 8 Students in 2017

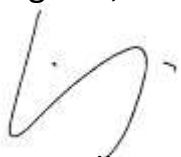
In 2015, we conducted many investigations into BYOD and the use of *Google Apps*. We also had many conversations with our feeder primary schools and colleges. Our findings were that they were on a very similar journey and direction. The end result will be that your child will have a more streamlined approach to technology, with the view to increase engagement, enhance learning and to prepare them for their roles in the digital world in which we live.

In 2016 we started the BYOD program with Years 6 and 7.

In 2017 students in Years 6, 7 and 8 are requested to bring a Chromebook to school every day. This is the continuation of a very exciting journey full of innovation, interaction and learning possibilities.

If you have any questions or concerns, please do not hesitate to contact the school.

Regards,



Kris Willis
Principal

Appendix 1: Caroline Chisholm School IT Code of Conduct

Purpose

This Code of Conduct has been developed for students at Caroline Chisholm School and has been developed to support the department's policy *Communities Online: Acceptable Use of ICT – Parents and Students*.

As a student of Caroline Chisholm School...

I will use my device and the school computers for schoolwork only as directed by my teacher.	I will not send photographs or publish the full names of others or myself to unknown people without permission.
I will always act with caution when communicating with unknown people using the school computers	I will not send email to users outside of this school unless the teacher approves it.
I will be courteous and use appropriate language when communicating to others.	I will not use chat facilities unless supervised by school staff.
I will ask my teacher for help if I find or receive information that I feel uncomfortable with or is inappropriate.	I understand that the school and the ACT Department of Education can view everything that I send or receive. My Student Identification number is attached to every transaction I make.
I will not use my device and the school computer facilities for illegal or dishonest purposes.	I will not bring food, chewing gum or drink into the computer area.
I will not copy software programs on school computers, or copy material, graphics or music owned by others without their permission.	I will not damage or disable the computers, computer systems or computer networks of the school. For example: propagating viruses or interfering with system configurations.
I will not send, produce, show or search for things that might upset others.	I will arrive at school with my device fully charged.
I will respect the work of others. Any feedback that I provide to other students will be appropriate and respectful.	I understand that disciplinary action may be taken if I do not follow this Code of Conduct, which may include loss of access to the Internet, email or networks for a period of time determined by the Principal.
I will not intentionally create congestion or disrupt the school computer equipment.	
I will not tell other people my password or leave my computer logged in when leaving the room.	

Unacceptable Use of ICT

If a student breaches the *Communities Online: Acceptable Use of ICT – Parents and Students* and the *Caroline Chisholm School IT Code of Conduct* then the following disciplinary action may be taken:

First Incident: *Student is warned and is referred to the Communities Online: Acceptable Use of ICT – Parents and Students. Their name and details of the incident are recorded on the Unacceptable Use of ICT register.*

Second Incident: *A letter is sent home to parents and the student is suspended from Internet/ IT for a period of one week. Parent is requested to read and discuss IT policy with student. Student has to find alternative means to complete their classroom work.*

Third Incident: *Student may be suspended. Parent/ Carer will be required to attend an interview with the Deputy Principal/ Executive Teacher. At this meeting an individual plan stating how and under what circumstances your child will regain access to ICT at CCS.*

Depending on the severity of the breach of the IT Code of Practice for Students the student may bypass any of the disciplinary levels. This action is the decision of the Principal or her delegate.

Appendix 2: How to Connect your Chromebook to the Wireless Network

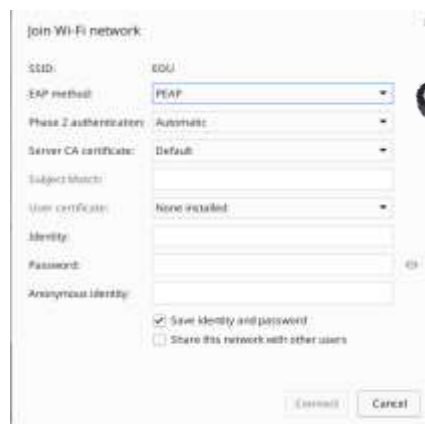
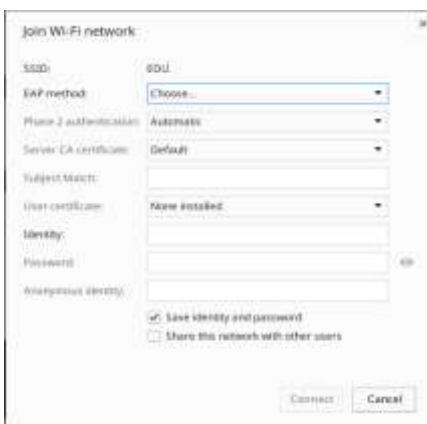
1. In the bottom right corner there is the settings bar, click on it
2. Click on no network



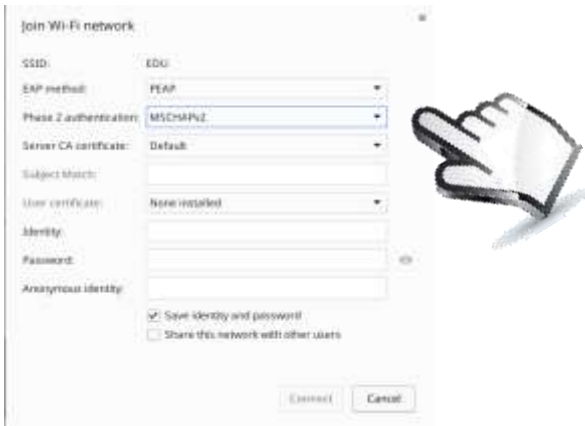
3. A list of networks the computer can see will appear, click on "EDU"



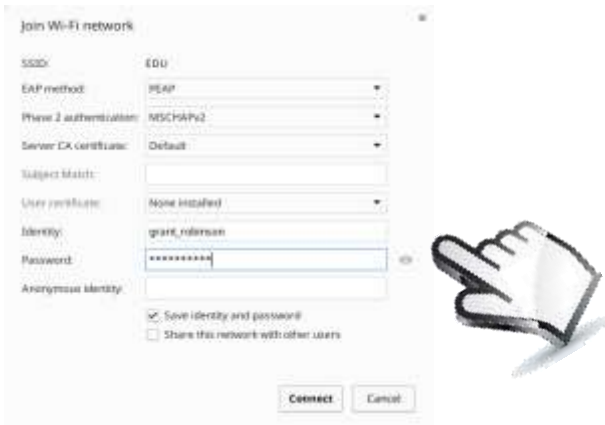
4. The join wifi network will appear, for "EAP method" chose PEAP



5. For “phase 2 authentication” choose MSCHAPv2



6. Enter your username in under identity (a 7 digit number for students), and your password in under password



7. Leave everything else as default and click connect, the Wi-Fi signal will show as connected.



Acknowledgements

In the development of this paper we have drawn upon the work and research of the ACT Department of Education and Training, NSW Department of Education, Partnership for 21st Century Learning, local and interstate schools. We would like to acknowledge their contribution.

http://www.det.act.gov.au/teaching_and_learning/learn-anywhere-ict-for-students

http://www.det.act.gov.au/teaching_and_learning/learn-anywhere-ict-for-students/resources-anywhere-digital-backpack

https://www.det.nsw.edu.au/policies/technology/computers/mobile-device/BYOD_2013_Literature_Review.pdf

<http://www.p21.org/about-us/p21-framework>

<http://www.adhs.act.edu.au/>

<http://www.uhs.sa.edu.au/>

<http://www.macarthurg-h.schools.nsw.edu.au/>

<http://www.turramurrahighschool.com.au/>

<http://www.sydneyboyshigh.com/>

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