

Stretton State College 2020 Quick Guide to BYOD



Your Quick Guide to
Stretton's BYOD program
for students in Years 3 through to 12

*It is our vision that all students be engaged in creative personalised learning
with inspiring new technologies in preparation for future success.*



What is BYOD?

Bring your own device (BYOD) refers to programs where students bring a personally owned technology device to school for the purpose of learning. In 2020 Stretton State College will continue to permit a range of student devices meeting a certain specification to connect to the College's wireless network to enable them to access classroom content. This is extended to outside of the classroom with tools in place so that students can continue their work and access their work wherever they are.

BYOD at Stretton

Stretton State College has progressively grown in BYOD capacity over the last couple of years and continues to move forward in light of the success of the program.

- In 2020 Our BYOD program is open to students in Years 3 - 12:
 - the recommended device for Years 3-5 is an iPad
 - In years 6-12, students are welcome to bring any full screen device
- *please check our website to ensure devices meet minimum standards

Students with BYO devices (iPads, tablets and laptops) will have access to:

- a filtered Internet connection
- access to classroom content
- and a connection to printers within the College.



Why iPads for Years 3 to 5?

- The iPad has the benefit of being a dual purpose device, it is easy to pick up yet is an extremely productive creation tool, it is lightweight, portable and ready to go with minimal operational knowledge.
- It is capable of running a number of specialised applications that specifically target individualised learning for primary years students, and it can also run the full suite of Microsoft 365 Applications and Apple's own productivity suite.

Why Full Screen Devices for Years 6 to 12?

- As students begin to personalise their education program, they may require specific hardware and software tools that are necessary for them to excel in their chosen field. A student with a strong media and design focus may desire a device that is capable of running specific programs only available on certain devices.
- We understand that different devices are already present in households and that students will have their own preference to what style device they desire
- Only devices that are able to work in Education Queensland's managed environment are included in our compatibility list, please see our website for more details. www.strettonsc.eq.edu.au



What Does 21st Century Education look like at Stretton State College?

In Classroom and at Home

Our teachers utilise a range of online learning managements systems as well as Office 365 application such as OneNote and OneDrive. These system allows teachers to manage their class and content in a way that can be accessed anytime, anywhere by students. Student's can safely connect with peers and teachers for support with class content. They can access and manage their own learning whilst safely collaborating and participating at their own pace.

Students link up with other students in Queensland to participate in online web conferences. Here, students have the opportunity to interact and engage with industry leaders or industry experts. An example of this may be a webinar with a famous author where all students in Queensland can take turns to directly ask questions and contribute to a statewide discussion.

In secondary years, students are able to check their work for originality before their assignments are submitted online. This system is designed to assist students to accurately reference whilst simultaneously ensuring the quality of their submission. Assignments and homework can be submitted anytime, wherever there is an internet connection. All submitted assignments are time stamped to ensure equity.

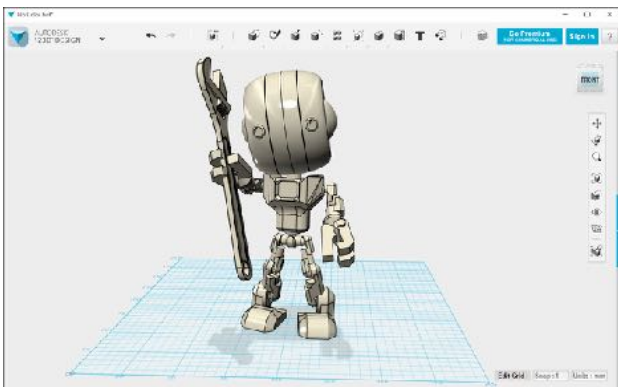


College students have access to ITC thinkdrive, this is a dynamic resource that makes a wide range of cognitive and co-operative thinking tools available to teachers and students.

Primary student build interactive folios of what they have learned using an app call Explain Everything that has been designed to integrate photos, audio and interactive story telling. Powerful tools like this engage and stimulate our students.

Software

Our College owns a variety of digital content tailored specifically to our students' needs. Students have access to this digital content by way of an online video player that connects directly and securely to College video content.



Students can log in to our online Library and Information Services catalogue from home to perform what is known as a federated search, where students can research a particular topic and receive educator verified resources and access academic resources unique to Stretton State College. Automatically expiring "eBooks" can be checked out of the library at no cost to students or students can reserve hard copies of books for borrowing. Stretton State

College is in fact, the largest borrower of eBooks from the Qld State Schools eBook Library.



All students have their own unique email address for direct communication with their teacher.

Subject areas utilise specific software chosen for a purpose. An example of this is Google SketchUp or Tinkercad, these free applications allow students to quickly create 3 dimensional objects and actually build what they are thinking of. These are example of tools used to engage students and promote higher order thinking. Students have access to a range of industry standard software so that they are exposed to and gain experience with using real world applications.

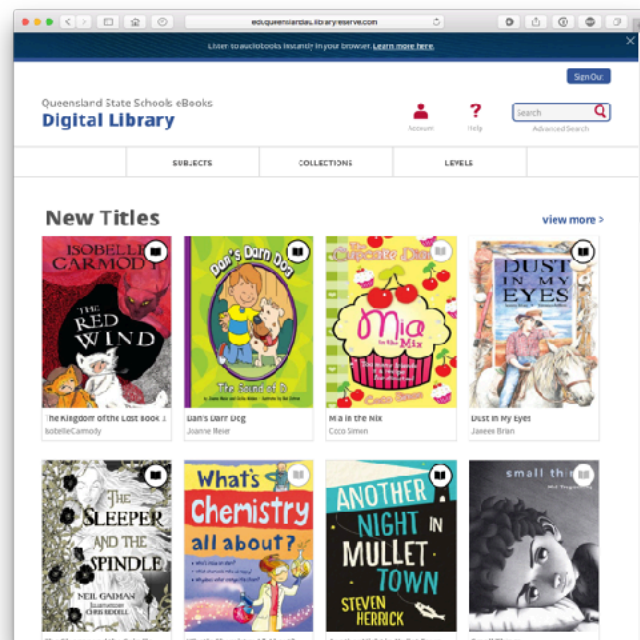
Industrial Design & Technology students use industry standard 3D design software to build prototypes before they produce them using the latest 3D printing technologies.

New Possibilities

Students may engage in what is know as a flipped classroom. For homework students may watch a video or investigate new subject content at home. Upon arrival at school, students can get straight to work and seek support from their teacher who is now able to spend more individual time with your student.

Devices in class encourage engagement and allow for differentiation. They assist in providing different content for diverse learning needs and allow our students to collaborate, discuss, work and respond at their own pace, experience. Effective use of technology encourages critical and creative thinking.

Modern digital devices provide a platform for a wide range of audio- visual media including books, movies, music, games, and web content. The auditory, kinaesthetic and visual capacity of the devices appeal to a variety of different learners and learning styles. Modern digital devices enable personalised learning by giving learners the responsibility and ownership to choose how they learn, when they learn and where they learn; as well as developing their organisational skills.



Children need be familiar with the technology that is commonplace in our world today. They need to be aware that technology can be a tool and is not a treat. Devices in class are not replacing how we teach, but they do allow for exciting new opportunities and we strive to embrace this. Device use is dependant upon year level / subject. Devices will only be used where they are appropriate for classroom activities. It is easy to see how effective a personal device can be in contributing towards the success of your child. At Stretton we realise this, and ensure we do all we can to provide and permit access to a range of ICT devices.



What needs to be done in preparation for usage at Stretton State College



- Install Year Level Specific App list (refer to College website)

- Activate and install your free copy of Microsoft Office 365 (refer to College website)
- Sign and submit the Learning Expectations and Participant's Agreement
- Pay the annual BYOD support fee



Purchasing a Device

- Stretton has teamed up with a range of vendors to offer competitive prices for a range of devices. Please visit the Stretton BYOD Portal on our College website for up to date offers.

Protecting your Investment

It is essential that your device is protected whilst at the College and during its trip to and from the College. Please ensure your iPad has a sturdy case that protects each corner and for laptop devices please ensure they have a protective case to be placed in after use. Please ensure your device is clearly named. We cannot insure devices and highly recommended that you do. Often this is easily done by contacting your home and contents insurer. It is also important to consider vendors repair turn around time.

BYOD Support Fee

An annual support fee per student will be charged. The College is charged a licence fee per person for the hardware leased to connect BYO devices to the school network. This support fee covers this licence, support to keep devices connected to our network and support for the installation of curriculum related software that has been purchased and licensed for the BYOD use within the College.

Application Lists

All devices need to have a selection of application installed before use in the college. Each Year level requires specific applications. Up to date details on how to obtain and install these applications can be found on our College website.

Student Learning Expectations

A student friendly version of our BYOD Handbook has been produced so that students have a clear understanding of expectations. This is reviewed and signed by each student at the beginning of each year.



Frequently Asked Questions

How much time will my child spend on their device?

Devices are tools for learning that will be used along with all the other tools available at school and home (e.g. pen, paper, calculators, books, computers etc). Students' devices will only be used when they are a great fit for learning and enhance the experience.

Students are typically engaged in a range of activities in all classes and all year levels and participate in kinaesthetic (hands-on) learning in a variety of their classes.

The amount of homework given will vary depending on a range of factors. If you feel your child is spending too much time completing homework then please confirm homework tasks with your teacher.

Do you have advice about online safety?

Up to date and comprehensive advice on online safety for you and your children can be found below.

For students please visit : <https://www.esafety.gov.au>

For Parents please visit: <https://www.esafety.gov.au/iparent>



Will children in Primary School use their devices before school or during breaks?

Students are not to use their device before and after school when on the school grounds, iPads will be left in the classroom during breaks. The exception to this is when students are involved in special, teacher-supervised activities during breaks that require iPads. In this case, the teacher-in-charge will manage the children while they use their devices.

Will my child still learn how to hand write in Junior School?

Yes. iPads will not replace handwriting at Stretton. The mode of communication used will depend on the learning opportunity. In the primary years an iPad is actually a great tool to capture student handwriting for use in learning.

Should I be concerned about overuse of technology?

All things, no matter how good, can be used excessively and this may lead to problems: food (obesity), exercise (exhaustion or injury), reading (eye strain) and technology. In all things, therefore, moderation in use is important. We do not require the students to use their devices all the time; it is important that they engage in a range of activities. We do not substitute the device where it is not needed and we will only use it where best fit. We want our students to become creators with technology, not consumers of technology. We all have a role to play in teaching our students technology etiquette and we know that if not managed correctly technology can become a distraction. It is our job to teach students of the need to recognise this fact and be technology free where appropriate.

Why are older iPads unsuitable (2010-2013)?

Apple iPads 1 - 4 (2010 to 2012) do not support the latest versions of the iPad operating system (iOS 12) and therefore this prevents them from using Apple's Classroom management tools, does not allow them to airdrop work to teachers and is not compatible with some of the software used within our curriculum. An iPad Air or newer is compatible with all our requirements. Apple's new Screen Time feature in iOS 12 is also a great tool for you to manage your child's iPad and we encourage it's use if you are concerned about your students "screen time."



Frequently Asked Questions

Won't students just be playing on their iPads?

The 21st Century has given the young person tools and services that offer a power to drive one's own learning. Teachers and parents nowadays need to consider their respective roles and how they are developing young people to achieve a deeper learning by discovering, experimenting, collaborating and reflecting. Ultimately, the solution to this problem is not the creation of a 'walled garden' removed from reality. Rather, the development of life-long learners who act responsibly by claiming ownership of their learning.

Will iPads promote poor posture?

Poor posture and associated strain are generally the product of fixed body position for an extended period of time. Desktop computers and laptops are just as likely to cause strain because they control posture. iPads are more mobile and light, which means they can be used with a wider variety of postures. In class, teachers will raise awareness of the importance of good posture.

If you have concerns about your child's posture, please consult a doctor.

Will iPads cause eye strain?

Looking at any screen (computer, TV or iPad) for a long period of time without resting your eyes may cause eye strain. This is commonly called Computer Vision Syndrome and relates to computer and laptop monitors.

iPads potentially reduce the prospect of computer vision syndrome in the following ways:

- Due to its mobile nature, the chance of staring at a fixed focal length for an extended period of time is reduced.
- The brightness of the screen can be easily adjusted to match the lighting conditions.
- It is easy to tilt the iPad or change body position to reduce glare.

Teachers are aware of the importance of reducing eye strain using a simple exercises.

If you have concerns about your child's vision, please consult an optometrist and we are happy to work with you.

Do I have any control over my child's iPad and how it's used.

Yes, Apple's new Screen Time feature in iOS 12 allows you to limit the time your child is able to spend in each type of application, for example games. iOS 12 also allows you set a passcode for your Childs device that is only able to be changed by you, preventing any lock outs.

A contemporary effective learner

Contemporary learners demand seamless access between school, work, home and play. They work digitally in ways that pervade and impact on every aspect of their schooling and use personalised pathways to learning success.

