

# HAWKER PARK PRIMARY SCHOOL BYOD PROGRAMME

## Overview

The aim of the programme is to enhance the Hawker Park Primary School (HPPS) educational program by seamlessly integrating technology throughout our educational programmes at Hawker Park Primary School. The feedback from previous programmes, from both parents and students has been extremely positive and in addition to usage in standard literacy and numeracy lessons, has enabled students to further develop skills and facilitate classroom discussions in areas such as:

- Online etiquette and safety
- Computer hardware and software
- Media composition and editing
- General computer literacy and confidence

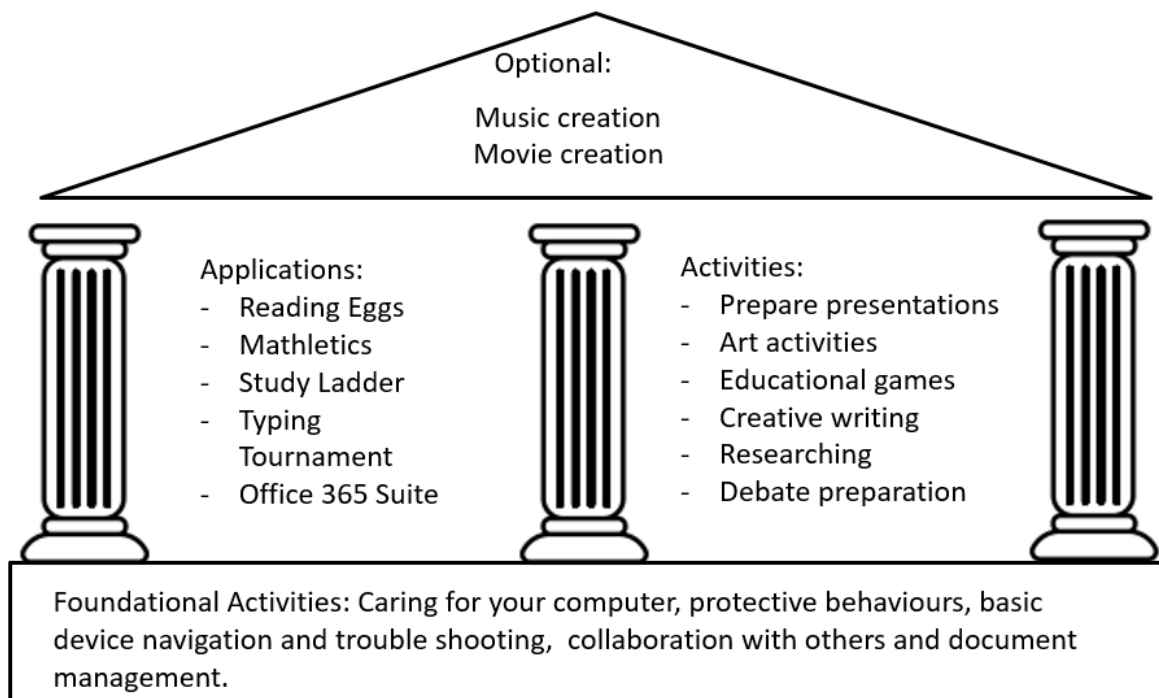
The program is differentiated throughout the school, increasing in interactions as the students increase in age:

- In Kindergarten and pre-primary, students will observe technology in use via the electronic whiteboards in the classroom and will sometimes use the school Ipads.
- In Year 1 and 2, students will be exposed to Digital Technologies that may not necessarily be via a device. At Hawker Park, we use programmes such as Scratch, Bebots, Osmo, Blockly (drag and drop coding method) and We do programmes with the Lego packages at the school.
- In Year 3, the students will build on the Digital Technologies mentioned above as well as introducing Ipads because that is the medium they will use to complete their Naplan testing.
- In Year 4 – Year 6 students are able to participate in the optional bring your own device (BYOD) programme

From Year 4 – Year 6, the foundational skills of the BYOD program will revolve around ensuring that the students appropriately interact with their laptops as well as the software and applications used via the device.

The pillars of the program will be using the educational programs available as well as setting age-appropriate differentiated tasks and activities that align to the curriculum goals for each year level. The same approach is used from Year 4 through until Year 6, however, as the students' skills and interests develop, so does the intricacy and difficulty of the activities.

The optional elements (image shown below) are used for assist the teacher differentiate activities for those students who have developed their skillsets and/or are showing an interest in specific areas.



## Review

The programme has been running for 8 years in its current form and has delivered exceptional educational results to date. At the time of inception, Hawker Park was leading the way and there were not many other schools participating. With increased schools participating now and a wider array of feedback available, we are reviewing some of the features of the program and will initiate this during the 2022 school year. Some of the key changes will be:

- The introduction of an alternate Windows laptop (currently MAC laptops only)
- Review of the current policy and user contracts
- Feedback survey from parents and students throughout the Year 4 programme and potentially to the wider participants
- The complete transition to using Office 365
- Enhancement of the materials provided to parents prior to entering the program and the timing of these communications

## Devices and Accessories - Frequently Asked Questions

### ***What device can my child use at school?***

The current preferred device recommended by the school is a macOS 10.14-or later to ensure you can access the full Office 365 suite. The school BYOD program has utilised Macs up until 2021 and has found little to no problems with these devices. It is expected that any MAC device that is brought in should have sufficient battery to last a teaching day which could be 2-6 hours. The Windows device that will be introduced for use this year is a Lenovo, further details of the reasons for this device are provided below.

***Why is this a trial? If I purchase one type of laptop, is there a chance my child will not be able to use it in 2023?***

There are some functional questions that cannot be answered by solely reviewing the model specification and we need to take the time to use these such as:

- Impact of unprompted updates during class time
- Length of battery life
- General performance
- Compatibility between different laptops in a classroom setting

If for some reason, the trial finds the chosen laptop does not meet the classroom requirements, the students who started the program with the Windows laptop option in 2022 will still be able to continue using them throughout their following years at Hawker Park. Reviews of classroom performance will be monitored throughout 2022, along with surveys at the beginning and end of the year. The review will also need to be continued through until 2024 to ensure the new Windows device delivers longevity across the full program.

***Are there any options to pay off or finance a laptop?***

The school currently has a portal set up with Winthrop for the MAC laptops but are moving to JB Hi-fi covering both MACs and Windows based laptops. JB Hi-fi do allow Afterpay and other payment options. There is no obligation to purchase via either of these providers however they do offer benefits relating to warranties and return to base fix/servicing that should be considered when seeking alternate suppliers.

Please take independent financial advice to determine your best options regarding purchase and insurance options.

***Can my child bring an iPad or similar tablet?***

The BYOD program does not cover iPads or tablets. Students are provided access to iPads during Year 3 to expose them to 'consumptive devices' whilst they are still building their literacy competence. The reason to switch to laptops is because they are better for running software that often isn't available for tablets or is only available in a simpler form that might not allow you to do everything you want. Due to the larger screen size, laptops are more practical and easier on the eyes and also have a focus on the additional fine motor skills used whilst using a mouse and keyboard.

***Why is there only one Windows laptop to choose?***

Using laptops in the classroom can take time to set up activities so the aim is to ensure that the students are able to maximise their time completing educational activities. Allowing MAC and Windows laptops will mean there is variety within the classroom and teachers will need to set each activity up twice (although as the students become familiar with the functionality on their device, this will become less of an issue). Teachers are confident that this is achievable but introducing additional types of devices on top of these two could potentially detract from the time spent on educational activities which is why it is limited to the existing MAC option and one additional Windows laptop to be trialled during 2022. The other benefits are that by limiting the laptop types, the children will be able to assist each other and conduct group work much more easily. Parents who are familiar with windows will find it easier to support their children with homework as and when required.

### **Why was the Lenovo laptop chosen?**

The Lenovo was chosen because the specifications we believe meet the minimum classroom requirements for school use. We verified the performance of this machine with other schools, IT specialists and JB Hifi educational consultants. These particular models and their special pricing are available only through the JB Hi-Fi Schools Solutions Portal and cannot be bought over the counter at a store for these prices.

| <b>Product</b>             | <b>MacBook Air 256 GB</b> | <b>MacBook Air 512 GB</b> | <b>Lenovo L13 Gen 2</b> | <b>Lenovo L13 Gen 2</b>   | <b>Lenovo L13 Gen 2 Yoga</b> |
|----------------------------|---------------------------|---------------------------|-------------------------|---------------------------|------------------------------|
| Price                      | \$1,323 (JB Hi Fi Portal) | \$1632 (JB Hi Fi Portal)  | \$867 (JB Hi Fi Portal) | \$1,028 (JB Hi Fi Portal) | \$1,179 (JB Hi Fi Portal)    |
| Manufacturer Code          | MacBookAir10,1            | MacBookAir10,1            | 20VJS1AP00              | 20VJS1AL00                | 20VLS0NK00                   |
| Screen size (Inches)       | 13.3                      | 13.3                      | 13.3                    | 13.3                      | 13.3                         |
| Screen resolution (Pixels) | 2560 x 1600               | 2560 x 1600               | 1366 x 768              | 1366 x 768                | 1920 x 1080                  |
| Touch screen               | No                        | No                        | No                      | No                        | Yes                          |
| Processor Type             | M1 8 Core                 | M1 8 Core                 | Intel Core i3 1115G4    | Intel Core i5 1135G7      | Intel Core i5 1135G7         |
| RAM (GB)                   | 8                         | 8                         | 8                       | 8                         | 8                            |
| Storage (GB SSD)           | 256                       | 512                       | 256                     | 256                       | 256                          |
| Estimated Battery Life     | Up to 15 Hours            | Up to 15 Hours            | Up to 9 Hours           | Up to 9 Hours             | Up to 10 Hours               |
| Dimensions (mm)            | 16.1 x 212.4 x 304.1      | 16.1 x 212.4 x 304.1      | 17.6 x 218.9 x 311.3    | 17.6 x 218.9 x 311.3      | 17.6 x 218.9 x 311.3         |
| Weight (kg)                | 1.29                      | 1.29                      | 1.38                    | 1.38                      | 1.44                         |
|                            |                           |                           |                         |                           |                              |

### **Can we purchase second hand laptops?**

Second hand laptops can be purchased however you need to ensure that the models and specifications meet the information provided by the school. For mac devices they must have the macOS Mojave operating system or later. You also need to purchase with the intention of the device lasting for the three-year school programme, thus if a device is 7 years old it will be 10 years old in year 6. We will not allow alternate devices in the classroom but students will be welcome to use the classroom desktop computers.

### **Do additional apps and programs need to be purchased?**

No, there is no requirement for additional apps to be purchased as they will not be used in the classroom setting. There will be websites the students access but the school has subscriptions to these and login details will be provided (many of these are likely to have been used on the iPads during Year Three). For some packages, parental controls are included but there are many different products available. To enable consistency with your home set-up you may need to purchase additional control packages but this is up to each individual family.

Some apps and programs are available only to a particular device. For example, iMovie and GarageBand are MAC only programs used creatively by previous classes. These are not mandatory and free alternatives exist for Windows devices.

Parents should not have to pay for Office 365. Every child has access to Office 365 via the school, hence a subscription is NOT required.

Please note that because the students will be operating within the Department of Education network and services, they will not be able to share materials with other non-Department of Education recipients. They

will be able to download and email, but not actively share documents and work simultaneously with people outside of the Department of Education.

### ***Other than the laptop, what other items need to be purchased?***

The following items are not required but some parents have chosen to purchase to meet their own preferences:

- Hard cases – From the years of the programme being in place, the school recommends a hard shell case for students to protect the device from general wear and tear. There are examples on the Winthrop and JB Hi-fi portal but you are welcome to source your own.
- Hard drives – Most of the documentation and materials the children will be working on will be saved in the cloud, but in the past, some parents have also used an external hard-drive to back up their machines in case of emergency (Mac uses Time Machine and Windows uses Windows Recovery to assist the back up process).
- Virus protection packages – The students will not be expected to download significant amounts of materials (any programs that may be required are verified third party suppliers as approved by the Department of Education) and therefore we have not had issues with viruses in the past, however, you may have a different usage pattern at home that may need to be considered.
- Additional Parental Control packages – Again this will vary family to family, but some parents have chosen to add additional packages in the past.

## **Classroom Usage – Frequently Asked Questions**

### ***How are devices used in the classroom?***

It will vary by teacher. Hawker Park has school subscriptions to Reading Eggs, Mathletics, Study Ladder and Typing Tournament which students will be able to access in the class and at home. They can optionally be used by students in collaborative and creative activities and time on favoured activities can be used as a reward for students to complete their other classroom activities.

### ***What will happen if my child does not provide their own laptop?***

Students who do not have a laptop will be able to utilise the desktop machines that are available within the classroom. These are also available for use if/when a child's laptop is not working for some reason. One concern parents often raise is whether there are issues with students being treated differently if they do not have their own laptop. This is not an issue we have experienced before and have had some students without a device. The teacher will ensure that students are all able to participate in activities and they will still have access to a computer to participate in the classroom activities.

### ***Does the school provide IT support?***

There is limited IT support at the school (a single visit per week) and complex issues will require support to be arranged by the parents (e.g. through the vendor if purchased new). Please note that the recommendation from JB Hi-fi and Winthrop includes paying for the 'return to base' support offering which means you would not need to pay courier fees to receive support.

Use of the classroom desktop machines is available as an alternative, and paper copies of classroom materials will be made available when required.

***Is there a device policy to adhere to?***

Yes, there is an ICT policy at Hawker Park Primary School that students need to adhere to as well as more informal rules (please see the below question). We have provided a copy of the current device policy.

***Are the laptops insured whilst on school grounds?***

The school insurance does not cover the personal laptops. Each family has different insurance requirements due to the type and age of their laptop. If insurance is not part of the package you choose when purchasing the laptop, we encourage every family to check their personal home and contents insurance to see what their coverage is and determine the best option for your requirements. To date, we have not had any incidents resulting in damage but we encourage everyone to consider their options in case something did occur.

***What rules do the children have to follow when participating in the programme?***

- Holding it with one hand underneath so won't slip out of hands
- Sitting around the outside of the classroom with screens facing out
- Only DET network/programmes/sites recommended by teachers (often linked on teachers' class websites)
- No social media
- Students not to be on laptops before or after school when sitting outside classroom
- Students not to touch anyone else's laptop
- Students not to take photos of anyone without permission of teacher and student, and only to do so for a class activity

Ensure laptops not left in school bags and are locked away in classrooms when not in use

***What is the process if a child has not adhered to the rules for use?***

Every situation will be managed on a case-by-case basis due to the different severity of the potential breaches. The consequences of breaking any of the Device Usage rules could include:

- Notification to parents
- In class discipline
- Removing the device from use for a period of time
- Verbal and written warnings

***What level of notification can I as a parent expect if my child is exposed to explicit or inappropriate material?***

Parents will be notified either by the classroom teacher or by the Administration team. The process followed would depend on the severity of the issue, especially if triggered by accidental viewing rather than intentional searching.

***What safety mechanisms are in place at school?***

We only operate on the Department of Education Technology (DET) network which limits the material available to students. As a school, we have also chosen to lock down other applications and programs that we find may tempt students into misusing their time on a device. The school follows the Department of Education standard to not allow phones in the classroom which means students cannot hotspot onto open internet connections during school time and must use the DET. We also have the classrooms specifically set up with desks around the outside to ensure that teacher will be able to easily view the screens of multiple students simultaneously. Programme that teachers may want to use in the classroom needs to have third party consent via the Department of Education.

***What should be in place on the machines to ensure the children cannot access inappropriate materials? How can parents support the program?***

Parents should set up the laptop the same way they would set one up for home use utilising the profile functions and limitations to websites and functionality you do not want them to access. Whilst on the DET network, there will be restrictions in place that will not transfer when your child accesses the internet from home.

We will run a Computer Safety Evening when we return to school next year. This will run through protocols you can follow to set up parental controls on your MAC and Windows device as well as any other questions you have about the program.