

Mansfield State High 1-to-1 Program 2019

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Mansfield State High School
QUALITY LEARNING IN A CARING ENVIRONMENT

Why Technology?

Our world is changing more rapidly than at any other time with the influence of technology spreading to touch every aspect of our lives. Queensland children and young people are ready to engage in this exciting future.

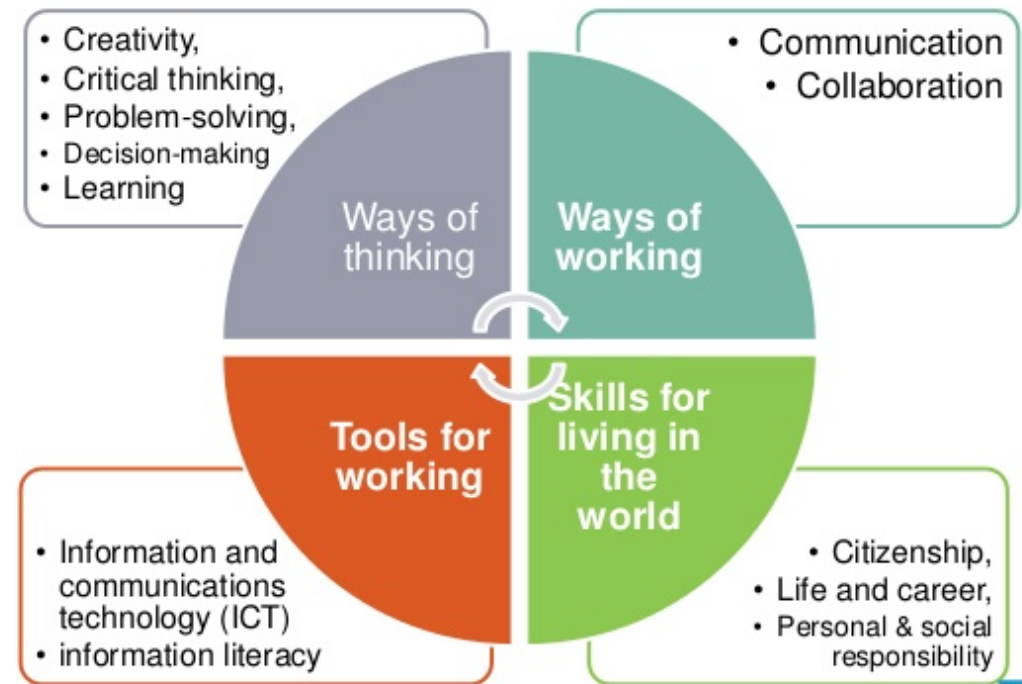
Education Qld – Advancing Education Action Plan

Life beyond school

Demand for:

- Creative thinkers
- Problem solvers
- Strong communicators
- Collaborators
- Entrepreneurs
- Digital leaders

FOUR CATEGORIES OF 21ST-CENTURY SKILLS



Mansfield State High School

The decision to move to One to One laptops at Mansfield has
been

Thoughtful and considered

In the best interest of students

Future Direction at Mansfield SHS

- Need a future direction that is affordable and meets the educational needs of our students.
- Provide students with functional and appropriate technology for learning.
- School funding needed to upgrade and maintain network infrastructure and provide a number of labs of high-end computers for specialist work e.g. video rendering, CAD etc.

General Timelines

2016

- Decision to move to one to one
- Create vision and develop plans
- Liaise with P&C

2017

- Inform Mansfield community
- Focus on teacher professional development
- Upgrade school network infrastructure
- Decide on device specifications

General Timelines

2018

- Staged implementation
- One to one program for Year 7, 10 and 11 students

2019

- Complete school implementation
- Year 7, 9 and 10 enter program

2020 onwards

- Entry points at year 7 and 10

The journey so far...

- Significant teacher professional development
- Increased IT Support personnel
- Replacement of entire wireless infrastructure including active equipment and optical fibre backbone
- Quadruple Internet speed since 2017
- Secure BYOx Connect solution allowing device connections from home
- Refinement of processes to manage student support

One-to-One Options

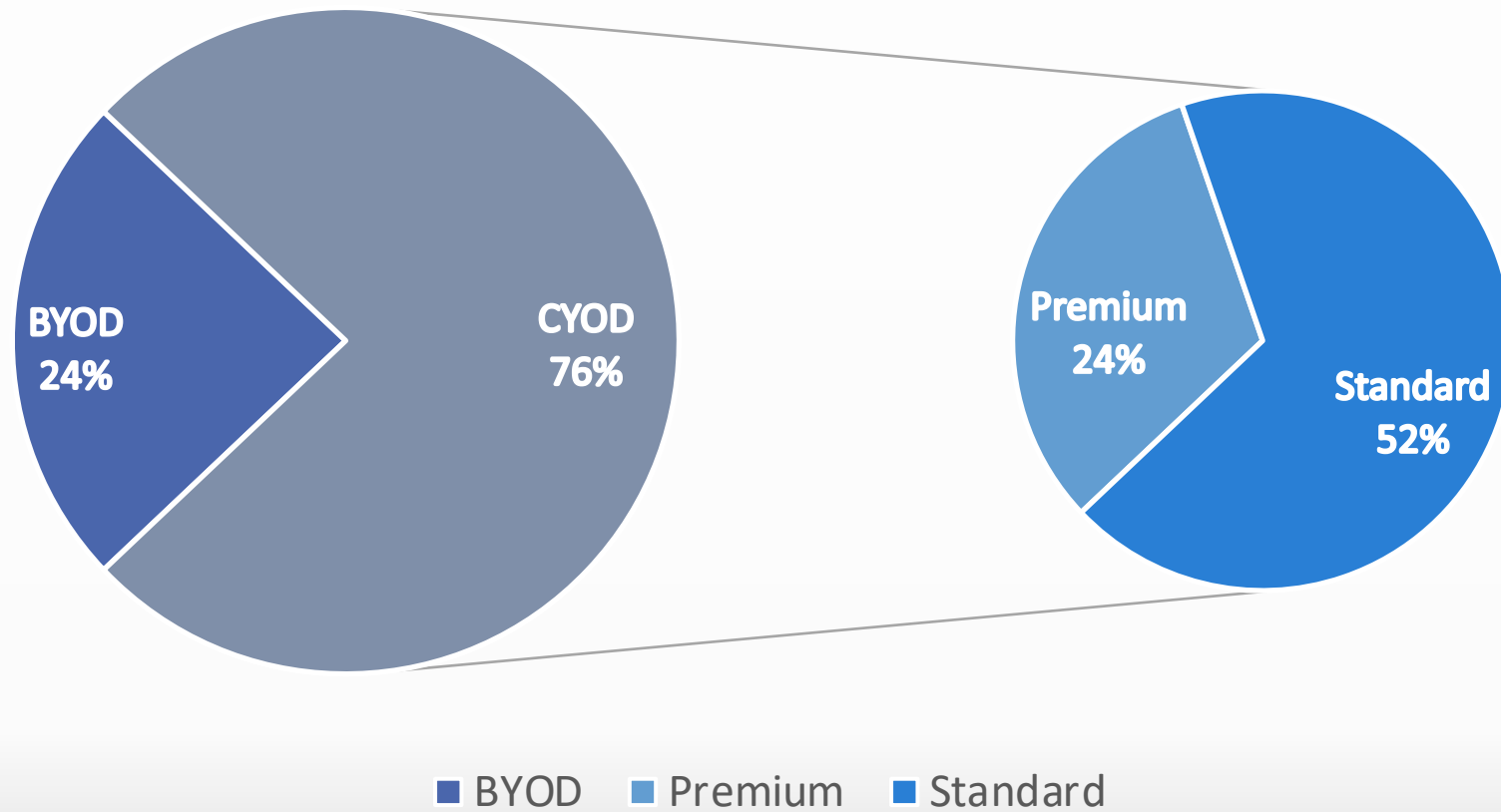
Choose Your Own Device (CYOD)

- School owned and managed and fully supported

Bring Your Own Device

- Privately owned and managed with some school support

Program Participation 2018



One-to-One Options

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Bring Your Own Device

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CYOD

- Purchase the device through the school
- All devices come with 3 years* next business day warranty, accidental damage protection (ADP) *(4 years for 8s into year 9)
- School software and operating system
- Worry free management of device – school handles purchase, software installation, warranty and ADP claims, full technical support and assistance.

Accidental Damage Protection (ADP)

- School use is very different to home use
- ADP considered essential
- One claim per year for three years
- \$50 excess per claim

How CYOD works

- Family initially contributes cost of device through a participation agreement.
- Annual service levy of \$100 for school to fully manage and support the device
- **School retains ownership** until the end of the agreement. This means the school can offer:

School Ownership

Price and protections

- Whole-of-government negotiated price
- Commercial-grade, education specific models
- Extended warranty and ADP
- Government purchasing protections – lemon clause and computrace

School Ownership

Software

- Enterprise software
- Security
 - Symantec virus protection regularly updated
 - Blue coat internet filtering
- Subject-specific software – Mixcraft, Food Works etc
- Automatic updates and patches
- Automatic plus Self-service software distribution

CYOD Support

- All warranty and ADP claims handled by school
- Hot swap device available when personal laptop in for repair
- Full technical support via ICT Helpdesk
- Hardware and software issues
- Software rebuilds and installation service
- Connectivity and printing problems
- General troubleshooting
- Insurance against loss, fire and theft

One-to-One Options

Choose Your Own Device (CYOD)

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Bring Your Own Device (BYOD)

- Use an existing family-owned device (not too old please!) or purchase new device of your choice.
- Family responsible for purchase, warranty, repairs and insurance
- Family manages operating system and software on the device including installation of software to meet subject requirements
- School able to provide some software where licensing terms support BYO
- BYOD Service levy of \$100 which provides:

BYOD Service Levy

- Concierge style Wi-Fi connection and licensing costs
- Infrastructure upgrades required to support BYOD
- Some software licensing
- Technical support for:
 - Network connectivity
 - Internet access
 - Connection to school network drives
 - Printing issues
- Basic diagnosis and advice

BYOD Considerations

- Robust design (School use versus home use)
- Wi-Fi – 5GHz only, 2.4GHz **will not work**
- Light weight, portable
- Battery life – will it last the whole school day?
- Supporting classroom pedagogy – Touch screen + pen input
- Protective sleeve
- Warranty – length, repair location (return to base?), repair times
- Accidental damage protection and Insurance against loss and theft

One-to-One Options

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Recommendation

- It is recommended that, where possible, families join the Mansfield CYOD program
- It is our belief that the high-quality devices, bulk-purchase pricing, 3 year NBD warranty, ADP, access to hot-swap devices plus full hardware and software support make the program a great value and worry free proposition for families over the life of the device

CYOD Options – Standard Program

Standard option suitable for all general school use. **Not suitable** for using graphic intensive programs such as **AutoCAD, Revit and Adobe Suite**

- 11.6" Touch Screen with Gorilla Glass
- Intel Pentium CPU
- Windows 10 Operating System
- 8GB Memory
- 256GB Solid State Drive
- 5GHz Wireless Adapter
- Two cameras
- Garaged Active Pen
- Protective Case
- Light weight + 12hour battery
- \$1150 (Laptop + Pen + Warranty + ADP + Case)



CYOD Options – Premium Option(s)

Higher priced option that provides faster CPU and larger hard drive. Choose this option for if taking graphics, media and/or IT subjects

- 13.3" Touch Screen with Gorilla Glass
- Intel Core i5 CPU
- Windows 10 Operating System
- 16 GB Memory
- 256GB Solid State Drive
- 5GHz Wireless Adapter
- 2 Cameras
- Garaged Active Pen
- Protective Case
- Light weight + 12hour battery
- \$1675(Laptop + Pen+ Warranty + ADP + Case)



Timelines Year 9s into 10

- Laptop Program form or BYO form due by Friday 12th October
(Forms will be accepted any time but may not guarantee collection of device at specified date)
- School will send invoices to Laptop Program families once form has been submitted.
- School will order devices at end of October and confirm pricing offered
- Students will collect their device in last week of term 2018
- BYOD students will join devices over Christmas holidays in preparation for 2019.
- Invoice for \$100 levy for both Laptop Program and BYO Program sent at end of year for payment in 2019.

Timelines Year 8s into 9 and new Year 7s

- Laptop Program form or BYO form due by Friday 30th November
(Forms will be accepted any time but may not guarantee collection of device at specified date)
- School will send invoices to Laptop Program families once form has been submitted.
- School will order devices at end of December and confirm pricing offered
- Students will collect their device in the first two weeks of term 1 2019
- BYOD students will join devices over Christmas holidays in preparation for 2019. (Year 7s may have to wait for enrolment confirmation)
- Invoice for \$100 levy for both Laptop Program and BYO Program sent at end of year for payment in 2019.

Questions?



Information can be found on the school website –
Extracurricular | Computers and Internet