

CHARLESTOWN PS TECHNOLOGY 4 YEAR PLAN 2021-2024

Current Status

<u>Network</u>	<u>Hardware and Peripherals</u>	<u>Teaching and learning</u>	<u>Software</u>
<p>We have 1 curriculum server located in the computer lab.</p> <p>All the classrooms in the school are cabled. All PC computers have their own dedicated Ethernet ports.</p> <p>We have wireless ports installed throughout the school in all classrooms plus the office area.</p> <p>All staff and students have DoE User Names and Passwords for secure internet access.</p> <p>Sentral is currently hosted on a school based server that is now 9 years old. There is a spare server ready to use but it is also 9 years old. The school pays Sentral to back up the data each day.</p>	<p>We have a dedicated computer lab that contains –</p> <ul style="list-style-type: none"> • 1 Portable IWB. • 31 laptops included in tallies below • Caching server for apps <p>Throughout the rest of the school we have –</p> <ul style="list-style-type: none"> • IWBs and projectors in the library and all teaching spaces • 1 video conferencing unit • 26 PC computers, 14 are out of warranty • 10 HP elite laptops in warranty and 4 out of warranty. • 4 ACER laptops out of warranty (currently used by students) • 14 HP probooks in warranty and 30 out of warranty • 12 Lenovo laptops all out of warranty • 66 ipads • 1 Mac Air • 1 Sync and Charge trolley • 12 Beebots • 12 Probots • 15 Spheros • 6 Blue Bots • 18 Ozobots 	<ul style="list-style-type: none"> • Teachers are using class IWBs everyday across all KLAs. • Premade Notebook files across KLAs have been stored on server for each stage. • Powerpoint warm ups for Maths and English have been made and saved for each grade. • Staff have received training in use of Class Dojo as a form of 2 way communication and this is consistently used across the school. • All staff check their email daily. • School scope and sequence is in use and reflects current technology goals • Studyladder and Reading Eggs accounts have been created for every student in the school • Spellingcity is being used by Y1-6. • Prodigy is being used by Y 3-6. • Epic is being used Y1-6. • PM online is in use for K-2. • All classes have own set of iPads but these are largely used for consolidation of skills rather than future focussed learning. • A wide variety of internet sites and games are regularly used to facilitate and extend learning. • 76 % of students are happy with the level of use of technology for learning. • 100% of teachers are happy with the current level of technology at school. • 85% of teachers indicate they have the ability to implement future focussed skills using technology. • Zoom was used as a conferencing tool by all staff during COVID 19 • Suggested websites for parents are listed on school website. 	<p>Staff and students have access to the following computer programs:</p> <ul style="list-style-type: none"> • Microsoft Office • Smart Notebook • Adobe suite • Pivot • Paint • Drawing for Children • Tux Paint • PM Readers • Writing Fun • Beebot • Google earth • Google Sketchup • Probotix • Tuxmaths • Braintastic • Manic Maths • Typing tournament • Ultimate maths invaders • Words Rock • Maths made easy • Reading for literacy • Upfront word skills • Chrome • Photoshop elements • We have about 30 other titles on disc that are very old and rarely used. <p><u>Apps</u> See attached sheet for list. Jamf School is used to manage apps</p>

Anticipated outcomes of plan

<u>Network</u>	<u>Hardware and Peripherals</u>	<u>Teaching and learning</u>	<u>Software</u>
<p>T4L Server and wireless network is maintained</p> <p>Sentral server is maintained as long as possible before moving to Cloud storage.</p>	<ul style="list-style-type: none"> • Each staff member has a laptop to use with IWB. • There will be at least 4 computers in each classroom. • There will continue to be a set of 6 ipads for each class. • Computer room will have a minimum of 27 computers. 	<ul style="list-style-type: none"> • Staff demonstrate increased confidence in planning and implementing technology activities. • Staff use technology activities to promote the development of Future Focussed learning skills across KLAS. • Students have the opportunity to achieve all Digital Technology outcomes in Science and Technology syllabus. 	<p>Staff and students have access to the software/apps they need to achieve stage outcomes in all Key Learning Areas and develop Future Focussed learning skills.</p>

Action Plan

Network

Action	Budget	Completion Date	Responsibility	Performance Measure	Performance Target	Results/ Actual
Maintenance provided by DoE as needed	Nil		Technology Committee	Server and wireless network fully functioning	Server and wireless network downtime is less than a day per day outside of scheduled maintenance.	
Sentral server maintained at school	In 2020 the yearly cost for sentral was \$3,382.60 ex gst. This cost does increase each year. The cost of the cloud based service is approx. \$2000 more per year.		Technology Committee	Server fully functioning	Server fully functioning.	

Hardware and peripherals

Action	Budget	Completion Date	Responsibility	Performance Measure	Performance Target	Results/ Actual
<p>Continue to roll out T4L devices across the school, and purchase additional devices to meet targets.</p> <p>AR0001 desktop computers need to be replaced in 2021.</p> <p>3 library computers (1 in office, 2 for students) and 2 desktop computers in AR0007 need to be replaced in 2023.</p> <p>7 teacher laptops to be replaced in 2024 and 3 in 2025.</p> <p>Principal, SAM, staff room, computer needs to be replaced in 2023.</p> <p>Desktop computers in BR0002, BR0006, BR0010, AR0007 (2 only), AP office, Library (IWB and loans PC) and IWB computer in AR0011 to be replaced in 2025.</p>	<p>\$20000/ year approx for additional computers</p> <p>T4L points to be used for laptops, alternate between replacing classroom laptops (1 in BR0002, 2 in BR0006 and BR0010, 4 in C0001, AR0034 and AR0037) and computer lab. If insufficient T4L points in year classroom laptops are to be replaced, then school funds will need to be used.</p>	<p>End of 2024</p>	<p>Technology Committee</p>	<p>Computers in classrooms functioning and being used regularly.</p>	<p>30 computers in lab. A minimum of 4 computers for student use in each classroom.</p>	

Maintain projectors through regular maintenance and replacement of parts when necessary. Purchase spare globes in advance to reduce downtime. Computer room projector will need to be replaced in 2021.	\$500 per year approx. for maintenance (includes service costs and replacement bulbs). Approx \$2000 to replace computer room projector. Money needs to be put aside from 2022 for either new projectors or IWB devices as 6 projectors will be more than 5 years old.	Ongoing	Technology Committee	All projectors in working order.	Projectors available and working when required by staff.	
iPads to be replaced over time We have 12 that are 7 years old as at end of 2019, 18 that are six years old, 6 that are 4 years old, 6 that are 2 years old, 12 are one year old, 12 are brand new.	Currently \$485.41/ ipad.	Ongoing	Technology Committee	iPads all functioning and being used regularly	6 functioning iPads/classroom	
Apple Caching server to be maintained. It was purchased in 2019.			Technology committee	Apple caching server operational.	Apple caching server operational.	
Investigate purchase of Chromebooks for Year 6		2023	Technology committee	Community consultation undertaken.	Decision made on whether or not to purchase a class set.	

Teaching and Learning

Action	Budget	Completion Date	Responsibility	Performance Measure	Performance Target	Results/ Actual
Provide professional development activities for staff with a focus on: <ul style="list-style-type: none"> the integration of technology to facilitate the development of Future Focussed learning building capacity to provide learning opportunities that reflect all of the Digital Technology outcomes in the Science and Technology syllabus. 	\$1000 per year	Ongoing	Technology Committee	Maintain 90% or above of staff who feel confident to implement future focussed learning (Refer to annual survey). All Digital Technology outcomes are planned for in each stage.	All staff effectively integrating technology into learning activities. Class programs include learning activities to facilitate achievement of all Digital technology outcomes.	
Continue to use Class Dojo as a means of 2 way communication with parents.		Ongoing	Class teachers	All teaching staff to use Class Dojo to share work and as a form of 2 way communication.	More than 80% of parents using Class Dojo.	
Survey staff and primary students annually to measure levels of technology use and confidence.		August of each year	Technology Committee	Survey completed	Results of survey used to determine teaching and learning and professional development priorities for following year.	
Annually review scope and sequence		By end of each year	Technology Committee	Scope and sequence accurately reflects syllabus content, Future Focussed skills and trends identified in school survey.	Scope and sequence followed by all class teachers.	

Digital Devices and Online Services procedures and School Internet procedures to be reviewed with students at the beginning of each year.		By the end of Term 1 each year.	Class teachers	All class teachers have reviewed these procedures with their class by the end of Term 1.	No student loses internet privileges.	
Implement actions from the Schools Digital strategy. 2021 – complete digital maturity framework		By the end of 2021	Exec	Framework completed and submitted by due date.		

Software/apps

Action	Budget	Completion Date	Responsibility	Performance Measure	Performance Target	Results/ Actual
Survey staff to identify needs across KLAs and acquire resources accordingly.	\$1000 per year	Term 2 of each year.	Technology Committee	Needs identified	Software/apps acquired to address needs	
Provide time for staff to explore uses of the software/apps that are already available in the school .		At least one exploration session each year.	Principal	Staff aware of available resources.	Staff using resources to facilitate achievement of outcomes across KLAs.	
Continue to use Jamf School to manage iPads. We currently have 18 perpetual licenses, 12 that will need to be converted to perpetual licences in	The yearly license cost for 2020 was \$356.40.	Each January	Technology Committee	All school iPads are managed and have the apps required by teachers to facilitate learning in their stage.	Apps installed within one week of an approved request from a teacher.	

2024 and 36 licences we are paying yearly. New iPads come with a 4 year license.						
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