



St Joseph's College Geelong
Information and Communication Technology (ICT)
DRAFT ICT Strategic Plan 2019 – 2021

Vision Statement for ICT

All students will leave school with an appreciation of the impact of ICT on their world and will leave as efficient, effective and responsible users of ICT.

Leadership

- ICT enhances leadership to meet the expectations and respond effectively to the possibilities of today's and tomorrow's educational environments.

Learning and Teaching

- ICT is integrated into learning, assessment and reporting in ways that transform learning into more interactive and engaging environments for students and parents.

ICT Professional Learning

- Staff routinely share with other professionals locally and globally and engage in professional learning that develops their ICT skills and their integration of ICT.

Learning Spaces

- Learning spaces integrate flexible physical spaces and interactive online spaces to provide continual seamless links to resources, local communities and global communities.

ICT Infrastructure

- Reliable ICT infrastructure and technical support provides highly accessible and efficient use of ICT for learning, teaching and business applications.

Administration

- The school uses ICT for the efficient and effective delivery of all business processes.
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Resources

The following resource was used in the compilation of this document

- **eLearning Planning Guide** – Department of Education and Early Childhood Development

Assessment of the Current ICT Environment

Audit of The ICT Infrastructure Including Age of Computers

- *Appendix 1: Annual Report 2017 Learning Technologies*

Computer Provision

- All students have laptops that are hired for 3 years. Laptops are replaced at the end of Year 9.
- According to their roles, staff members are provided with either laptops or desktops.

Capacity of Air Conditioning, Electrical Components and Cabling

- Air conditioning and backup air-con to all server communications rooms
- UPS devices on all servers and administration staff desktops
- Electrical substation on-site capable of expansion for increased power requirements
- Cat 6 and Cat 5E for general LAN points
- fibre optic 10GB between cores 1GB between all switches
- wireless point-to-point to link B36 to Archives and wireless link 802.11n for laptop access around school

Security

- All major buildings and computer areas are alarmed and connected to security firm which monitors school grounds nightly

ICT Support

Technical Team

- Information Technology Manager (ITM) – Strategic directions, team management, networking, database
- Computer Services Manager (CSM) – Infrastructure and software purchasing, technical operations
- Network Manager (NM) – Network management, security, disaster recovery, connectivity and communication
- 2 x Computer Technicians (CT) – Help Desk, imaging, general technical assistance
- Vendor Technician (VT) – laptop repairs

Associated Roles

- Database and Learning Management System Manager (DLMSM) – SIMON management
- Publications Manager (PM) – SJC Website and SJC social media accounts
- Creative Technologies Leader (CTL) – curriculum integration
- Technology Coaches (TC) – curriculum integration assistance
- Data Assessment and Reporting Coordinator (DARC)
- Director of Curriculum (DC)
- Library Manager (LM)
- Audio Visual Coordinator (AVC)
- Office Manager (OM)

ICT Capabilities of the Students

- Students receive ICT lessons for one semester at Year 7 and ICT as a subject is optional after Year 7.
- Year 7 students complete the eSmart Digital Licence
- ICT capabilities are integrated throughout all subjects

ICT Capabilities of Staff and Provision for Professional Learning

- Teachers report a good understanding of the safe use of ICT – Cybersafety, privacy, security
- Teachers require time for curriculum development to integrate ICT
- On-site assistance for ICT skills and ICT integration – Creative Technology Leader, Tech Coaches (teachers given time to assist other teachers), Texperts (students trained to help teachers and other students)
- ICT professional learning occurs for all staff as strategic software skills or integration of ICT requires attention
- Lynda.com is used to provide online ICT training.
- External ICT professional learning occurs on request

Internet Access

- Access – 1Gbps/1Gbps synchronous fibre through AARNET
- Backup access – ER Campus 400Mbps/400Mbps; WC Campus 100Mbps/100Mbps through CEVN

ICT Implementation Plan

The Outcomes, Goals and Implementation Strategies follows this section

Leadership <i>ICT enhances leadership to meet the expectations and respond effectively to the possibilities of today's and tomorrow's educational environments</i>			
Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
Setting expectations <i>The school is acknowledged for its innovative approach to the use of ICT that seeks to develop forward thinking students with strong digital capabilities.</i>	<ul style="list-style-type: none"> • School leaders publically encourage and expect staff and students to use ICT to produce more effective learning and more effective and efficient work environments • Explicit and implicit mentions and use of ICT in newsletters, assemblies, meetings • Leading by example with the use of ICT • Leadership group sets expectations with other school leaders • Celebrate innovative uses of ICT • Research into the use of emerging technologies is ongoing and is used to inform planning for administrative procedures, resources, teaching practice and professional learning. • The school follows eSmart principles for the smart, safe, responsible use of ICT. • Regular surveys of staff, students and the community. 	Leadership group Leadership group Leadership group Leadership group Leadership group ICT Committee CTL CTL CTL	Continuous
Collaboration within the school <i>ICT options are used where they improve collaboration within the school.</i>	<ul style="list-style-type: none"> • Shared documents within cloud services • Email • MS Teams/Google+ • OneNote/Google Drive/One Drive/Google Sites • SIMON Knowledge Banks and Learning Areas • Forums in SIMON 	All staff and students where appropriate	Continuous
Collaboration outside the school <i>ICT options are used where they improve collaboration beyond the school.</i>	<ul style="list-style-type: none"> • Shared documents within cloud services • Email • MS Teams/Google+ • ICON Google+ • Video conferencing to be set up • Forums and subscriptions to interest groups 	All staff and students where appropriate	Continuous

<p>Communication <i>ICT options are used where they improve communication.</i></p>	<ul style="list-style-type: none"> • Email / email groups • Video conferencing to be set up • Phones • Skype for Business 	<p>All staff and students where appropriate</p>	<p>Continuous</p>
<p>ICT Leadership <i>The integration of ICT is a focus in planning across the organization.</i></p>	<ul style="list-style-type: none"> • Infrastructure planning and budget • Software and hardware for all areas of the school are contained within this budget 	<p>ITM / CTL / ICT Committee</p>	<p>Annual</p>
<p>ICT Organisational structures <i>The integration of ICT and Creative Technologies across the curriculum is facilitated by a team of teachers.</i></p>	<ul style="list-style-type: none"> • The Creative Technologies Leader has the assistance of Technology Coaches • CALs takes responsibility for strategic leadership for ICT within Curriculum Area 	<p>ITM / CTL / and TCs / CALs</p>	<p>Continuous</p>
<p>ICT Organisational structures <i>ICT related technical issues are attended to by a Technical Team.</i></p>	<ul style="list-style-type: none"> • Led by the IT Manager, (Network Manager, Computer Services Manager, Computer Technicians and Vendor Technician) 	<p>Technical Team ICT Committee</p>	<p>Continuous</p>
<p>eSmart Accreditation <i>The school follows eSmart principles for the smart, safe, responsible use of ICT.</i></p>	<ul style="list-style-type: none"> • Integration of eSmart across the school • Year 7 – Digital Licence 	<p>CTL</p>	<p>Continuous</p>
<p>Resourcing and Budget <i>ICT resources are up-to-date and allow the school to respond to modern trends and rapidly take advantage of future improvements in ICT delivery and infrastructure.</i></p>	<ul style="list-style-type: none"> • Planned development, replacement and upgrading of infrastructure in annual budget. • Review ICT priorities to adapt to current pedagogical trends and emerging technologies – conferences, professional learning, magazines, newspapers, online subscriptions, school visits, purchase of new software and hardware for testing • Creative Technologies budget requirements influence the purchase of ICT hardware and software related to teaching. 	<p>ITM / CTL / ICT Committee</p>	<p>Annual</p>

Teaching and Learning

ICT is integrated into learning, assessment and reporting in ways that transform learning into more interactive and engaging environments for students and parents.

Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
<p><i>Students work in a safe online environment and become safe and efficient online users</i></p>	<ul style="list-style-type: none"> • Internet filter - Lightspeed currently used / investigate other options • Provision for parents to have filter set for outside school use of the laptop • Use of monitoring software – DyKnow, • Review eSmart accreditation requirements • eSmart Curriculum implemented across the school 	<p>NM</p> <p>CTL</p> <p>CTL / CALs</p>	<p>Continuous</p> <p>Annual</p> <p>Annual</p>
<p><i>Creative Technologies use ICT to provide interactive and engaging environments for students and teachers.</i></p>	<ul style="list-style-type: none"> • Utilise hardware and software suitable for interactive learning <ul style="list-style-type: none"> ○ Laptops, iPads, mobile phones, VR headsets • Provide internet connectivity that allows for seamless teaching and learning. • Cloud services - Google/Microsoft/ClickView • Software selection • Review Internet connectivity services 	<p>ITM / NM / CSM / CTL / CALs</p>	<p>Annual</p>
<p><i>ICT readily allows parents access to engage in the learning process.</i></p>	<ul style="list-style-type: none"> • A Parent Access Module (PAM) allows parents on-going access to current subject assessments as they occur 	<p>ITM / DLMSM / SIMON Developers</p>	<p>Continuous</p>
<p><i>Teachers and administrators share and publish ideas, materials and work practices across schools locally and globally.</i></p>	<ul style="list-style-type: none"> • Encourage all teachers and administrators to subscribe to professional organisations • Encourage all teachers and administrators to share and publish ideas, materials and work practices with online groups via subscriber groups, blogs or websites 	<p>CTL / DC</p>	<p>Continuous</p>

<p><i>ICT is used to analyse data related to student learning.</i></p>	<ul style="list-style-type: none"> • Continuation to improve benchmarking analysis to allow further identifications of trends that may be impinging on learning • Incorporation of the “on demand testing” facility from the AIM Data Service to incorporate adaptive testing models to more clearly identify the abilities of students with learning difficulties and those that might be gifted. • Systemising the interview process of “struggling” middle year’s students to produce quantifiable data that could be used to identify commonalities in student performance factors. • Further development of database that would allow <ul style="list-style-type: none"> ○ a more general monitoring of student progress ○ tracking systems that would include “live” data bases that allow all current assessments to be incorporated as soon as teachers recorded results ○ parents to have access to “live” data base online ○ a reduction in parent reliance on infrequent parent/teacher interviews • Identification of non-assessment based influences on student performance through analysis of data on: <ul style="list-style-type: none"> ○ health issues ○ behavioural issues ○ family circumstances • specific learning difficulties 	<p>Data Assessment and Reporting Coordinator (DARC)</p> <p>Head of Education Support</p> <p>DC</p>	<p>Continuous</p>
<p><i>ICT is used to connect with a diverse range of cultures and resources</i></p>	<ul style="list-style-type: none"> • Shared documents within cloud services • Email • MS Teams/Google+/WeChat (Chinese Partner School) • Video conferencing / AARNet Zoom • Skype for Business 	<p>NM / CSM / AVC / CTL</p>	<p>Continuous</p>
<p><i>Students use ICT to reflect on their learning and in planning their educational pathways.</i></p>	<ul style="list-style-type: none"> • Develop online student personal learning spaces where they can reflect on their learning and plan personal learning pathways • Use of an ePortfolio module to track careers planning • Development of H&PE tracker to replace Achper 	<p>CTL / LM / DC / CALs / SIMON Careers Coord / SIMON DLMSM / SIMON</p>	<p>Continuous</p>
<p><i>Students and staff access online courses and skills.</i></p>	<ul style="list-style-type: none"> • Establish links with externally provided online courses • Use of Lynda.com courses • Staff create coursework online 	<p>CTL / DC</p>	<p>Continuous</p>

Professional Learning:

Staff routinely share with other professionals locally and globally and engage in professional learning that develops their ICT skills and their integration of ICT.

Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
<p><i>There is a high priority of professional learning with Creative Technologies (CT) and about CT.</i></p> <p><i>Professional learning with and about CT allows teachers to:</i></p> <ul style="list-style-type: none"> • <i>Explore, understand and utilise CT in teaching, communication, management and administration</i> • <i>Integrate CT in ways that produce more effective and more efficient teaching and learning</i> • <i>Evaluate, create and share online learning resources with colleagues and students locally and globally</i> 	<ul style="list-style-type: none"> • Establish a formal process for recording CT skill development and for the integration of CT within teaching, learning and administration • Set specific dates for CT inservices • Audit and rewriting of courses • Ensure that course writing includes specific integration of CT for teachers and for student use • Establish a train-the-trainer model with time given to trainers to work with others • Tech Coaches are used to assist the integration of CT in the classroom 	<p>HR Manager CTL</p> <p>CTL CALs / CTL / DC</p> <p>CTL</p> <p>CTL</p>	<p>Continuous</p>
<p><i>Staff members maintain Professional Learning Plans and the impact of CT professional learning is constantly evaluated based on meeting individual, school and system needs and targets.</i></p>	<ul style="list-style-type: none"> • Use of EMS360 to request and record PD • Development of Professional Learning Plans that: <ul style="list-style-type: none"> ○ Are regularly audited ○ Take into account individual, school and system needs and targets ○ Enable on-going access and flexible use of resources • Use of CAL meetings to share ideas • Subscription of teachers to online groups • Development of teacher blogs and forums • Use of Lynda.com courses • Utilise CRTs to cover teachers doing PD • Published list used to assist others to find people to help with specific CT advice 	<p>HR Manager Staff / DC / OM</p> <p>CTL / TCs / CALs</p>	<p>Continuous</p>
<p><i>Teachers use CT tools to plan, access and share professional learning online within the school network and globally in timely, focussed and practical ways.</i></p>	<p>Share innovative practice</p> <ul style="list-style-type: none"> • Maintenance of CAL based sharing • Publishing of innovative practice online • Development of “experts” list to assist others learning specific practices 	<p>CTL</p>	<p>Continuous</p>

Learning Spaces

Learning spaces integrate flexible physical spaces and interactive online spaces to provide continual seamless links to resources, local communities and global communities

Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
<p><i>24/7 access to e-learning spaces for all classes where students and teachers publish and share resources and ideas; participate in discussions; collect and submit work online; and receive assessment and feedback online.</i></p> <p><i>Establish local and global learning communities which contribute to learning for students</i></p> <p><i>Maintain a system of quality assured digital resources that are easy to locate, access and use.</i></p>	<ul style="list-style-type: none"> • Administer SIMON as the LMS for student resources • Use of ECHO for PBL • Work with SIMON to develop a Learning Areas module that satisfies PBL requirements • Use of cloud services like OneDrive, OneNote Classrooms, Google Drive, Google Sites, MS Teams • Provide courses online for students within the school and outside the school. • Review the Library system and associated software for delivery of digital resources • Maintain self-checkout for library resources • Provide access to professional online tutorials for staff and students 	<p>DLMSM / CSM PBL Coord / TC CTL / DC / CALs</p> <p>CTL / TC</p> <p>LM</p> <p>LM</p> <p>CTL / OM</p>	<p>Continuous</p>
<p><i>All physical learning spaces are ICT ready for the use of wired or wireless mobile technologies and where possible allow for the flexible arrangements of groups for collaborative learning.</i></p>	<ul style="list-style-type: none"> • Audit furniture and update when needed with flexible furniture • Provide wireless connection to displays • Develop Virtual Reality / Augmented Reality spaces used in conjunction with appropriate hardware, software and other resources • Develop a Creative Technologies Centre where students can explore the use of materials, software and equipment to create solutions to problems. 	<p>CTL / PBL / DC / OM</p> <p>AVC / NM</p> <p>CTL</p> <p>CTL</p>	<p>Continuous</p> <p>2019-2021</p> <p>2019-2021</p>

ICT infrastructure

Reliable ICT infrastructure and technical support provides highly accessible and efficient use of ICT for learning, teaching and business applications

Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
<p><i>The ICT infrastructure provides an integrated, efficient system for the full range of teaching, learning and administrative requirements</i></p> <p><i>Hardware, software and network infrastructure is systematically and routinely monitored and upgraded in light of emerging technologies and future requirements in curriculum and administration.</i></p>	<ul style="list-style-type: none"> • Maintain connectivity between Edmund Rice campus and Westcourt campus with a 1Gb VPN link via AARNet • Maintain servers and network in excellent operating condition <ul style="list-style-type: none"> ○ Annual Infrastructure Audit ○ Move as many services as possible to Virtual servers • Move Medical data from CareMonkey to SIMON • Move all email accounts to sjc.vic.edu.au • Setup video conferencing in ER Boardroom, PBL Centre and Westcourt • Expand the use of cloud drives for storage and applications <ul style="list-style-type: none"> ○ Continue use of Google Drive, Office365, OneNote Class Notebook, SIMON, ECHO, AccessIT, Adobe CC, Verso, Typing Tournament, PlagScan • Consult with Business Manager, CALs and Creative Technology Leader on software and hardware requirements. • Implement all ICON services <ul style="list-style-type: none"> ○ According to the CEVN schedule ○ Move from TASS to Synergetic • Review backup and disaster recovery methods <ul style="list-style-type: none"> ○ Implement backup mirror servers for mission critical operations in another on-site location ○ Develop SAN and backup on Westcourt campus 	<p>NM</p> <p>ITM / NM</p> <p>ITM / NM DLMSM / OM NM / CSM NM / AVC</p> <p>NM / CSM / CTL / CALs</p> <p>ITM / NM / CSM / BM</p> <p>ITM / NM / CSM</p>	<p>Monitor</p> <p>Continuous</p> <p>2018 2018 2019</p> <p>Continuous</p> <p>Continuous</p> <p>2019-202?</p> <p>Continuous</p> <p>2018</p>
<p><i>Technical support is readily available to minimise disruptions to learning, teaching and administration.</i></p>	<ul style="list-style-type: none"> • Review the staffing annually 	<p>ITM</p>	<p>Continuous</p>
<p><i>ICT budgeting provides for continual upgrading to allow the school to rapidly take advantage of future improvements in ICT delivery and infrastructure.</i></p>	<ul style="list-style-type: none"> • ICT Budget done in liaison with CTL to ensure software and hardware requirements for teaching and learning are prioritised. • Creative Technologies budget established • Annual budgets submitted to Business Manager and the College Board 	<p>ITM / CTL</p> <p>CTL</p>	<p>Annual</p>

Administration

The school uses ICT for the efficient and effective delivery of all business processes.

Intended Outcomes and Goals	Key Implementation Strategies	Responsibility	Time frame
<i>ICT improves the efficiency, quality and timeliness of school business</i>	<ul style="list-style-type: none"> • ICON implementation • Development of online registration system in ICON/Synergetic • Online submission of updated student medical details by parents • Move historical archival material to web-based solution linked to website 	ITM / NM / CSM / BM / CTL ITM DLMSM / OM Archives Manager	2019-202?
<i>Automated processes reduce errors in completion of critical processes</i>	<ul style="list-style-type: none"> • Outsource to programmers often in conjunction with SIMON developers 	ITM / NM / CSM	Continuous
<i>Maintain a dynamic and informative website for communication and promotion of the school locally and globally.</i>	<ul style="list-style-type: none"> • Expand the promotion of the school to the wider community via the website by continuing with Newsletter, Twitter, Facebook, mobile apps and website • Events advertised and News updated dynamically 	ITM / Publications Manager / Director of Development	Continuous
<i>Systematically and routinely evaluate ICT systems in relation to strategic plans.</i>	<ul style="list-style-type: none"> • Develop evaluation criteria • Review all solutions 	ITM / CSM / NM / LM / Business Manager	Continuous
<i>Administration by Office Staff is done with the efficient use of ICT</i>	<ul style="list-style-type: none"> • Office Admin staff are trained in the use of required Office products and online uses of ICT using Lynda.com • Processes requiring paper formats are transferred to digital 	OM	Continuous
<i>Records of Student Management, Assessment and Reporting is completed within the LMS.</i>	<ul style="list-style-type: none"> • Student attendance, behaviour, assessment and reporting are completed within the Learning Management System. • New staff induction includes SIMON operations 	DM / CTL CTL / TC	Continuous
<i>Records of school records, budgets and payroll, employee details, student and parent details are entered into a single database from which other systems connect.</i>	<ul style="list-style-type: none"> • TASS is the first point of entry for the registration of all staff and student data. Scripted population of other databases occurs after TASS entry including Active Directory and Email accounts, SIMON and PAM accounts • Move from TASS to Synergetic as part of the ICON process • Active Directory used to populate login credentials for various subscriptions 	ITM / NM / CSM / BM	

Appendix I

2017 ICT Annual Report

Report Author: Chris Valmadre, Director of Learning Technologies

General Network Resources

Equipment	2018 Main Campus	2018 Westcourt
Physical Servers	18	5
Virtualised Servers	55	18
SAN Storage Device	7	3
Student desktops	3	
Student notebooks	1500	320
Total student computers	1503	320
Staff desktops	27	3
Staff notebooks	285	30
Total Staff computers	312	33
Total Computers	1815	353
Student : Computer ratio	1:1	1:1
Cabling	Twisted pair; fibre optic; Wireless	Twisted pair; fibre optic; Wireless
Network	10GBps Server Back Bone; 800-900Mbps throughout school;HP/3COM/H3C network switches and RuckusWireless Controller + Access Point 802.11abgn capable; Lightspeed webfilter and Palo Alto firewall	10GBps Server Back Bone; 800-900Mbps throughout school;HP/3COM/H3C network switches and RuckusWireless Controller + Access Point 802.11abgn capable;Lightspeed webfilter and Palo Alto firewall
Data points	3000	120
Internet connection	Primary gateway – 1Gbps Synchronous Fibre Link, Secondary gateway - Staff and Students – 400 Mbps Synchronous fibre link via Telstra; SINA/CEVN as the ISP	Primary Gateway - 1Gbps Synchronous Fibre Link, Secondary gateway - Staff and Students – 400 Mbps Synchronous fibre link via Telstra; SINA/CEVN as the ISP
Backup system	Dedicated server controlling 30TB storage	Combined Data + Backup Storage at SAN
Data Projectors	75 in classrooms	
Televisions	8	20
Scanners	12	3
Laser printers	49	4
Colour Inkjet printers	4	
Photocopiers	8 B&W; 6 colour	1 B&W; 2 colour
Security Cameras	116	32
Vivi Wireless connections	1	20
Wireless Access Points	95	24
Major Client PC software	Windows 8.1; Windows 10; Office 2016; Adobe CC; Microsoft System Center Endpoint Protection, Windows Defender; Papercut print control; Timetabler	Windows 8.1; Windows 10; Office 2016; Adobe CC; Microsoft System Center Endpoint Protection, Windows Defender; Papercut print control; Timetabler

Key Achievements for the Year

Technical

- Continued cyclical upgrading of servers and network equipment
- Implementation of Office 365 and Microsoft OneDrive for storage and collaboration
- Implementation of Google Apps for online collaboration
- Implementation of the electronic V-Pass Sign In/Sign Out system
- Implementation of borrowing online system for ICT equipment

Curriculum

- Maintenance of “Sustaining Phase” for eSmart accreditation
- Expansion of the use of Microsoft Office 365 and the use of OneDrive for collaboration, backup and OneNote Classrooms for delivery of lessons online
- Implementation of Google Drive for online collaboration with teachers using Echo for PBL
- Implementation of Echo LMS platform for Project Based Learning (PBL) Yr8
- Extension of the use of the online tutorial system – Lynda.com for use in classrooms, leadership PD, teacher PD and office admin PD

Specific goals for the Coming 12 months

Curriculum

- PD focused on integration of ICT in teaching and learning; Cloud Computing using Windows 10, Office365/OneDrive, OneNote Classroom and Google Drive; use of Web 2 tools; eSecurity; Viruses and malware prevention
- PD on the use of ICT for Critical Thinking / Deeper Learning
- Development of Creative Technology Leader and Technology Coaches roles to assist with the integration of creative technologies across the curriculum
- Certification of Year 7 students – Allannah & Madeleine Foundation Digital Licence
- Trial Plagscan as a tool checking for plagiarism
- Extension of the use of the online tutorial system – Lynda.com for use in classrooms, leadership PD, teacher PD and office admin PD
- Extension of the use of Snagit for “Flipped Classrooms” and screen captures for lesson development
- Maintenance of the “Sustaining Phase” for eSmart accreditation
- Update of eSmart Curriculum documents
- Continuation of Tech Experts – scheme to have students assist in ICT integration
- Make better use of data analysis for developing teaching programs and individual learning plans
- Implementation of new Library System – AccessIT

Technical / Administrative

- Completion of Eduroam setup with AARNet
- Investigation of alternative internet filter systems – Family Zone
- Planned updates to servers, UPS and network switches
- Upgrade of Wireless Access Points to 802.11 ac - Westcourt
- Storage capacity and equipment to be upgraded in 2018

- Investigation of Synergetic to replace TASS
- Preparation for introduction of ICON – eAdmin – HR, Finances, Parents (Synergetic); eLearn – teaching and collaboration (Google Suite, SIMON); ePlan – data related to teaching and learning (NAPLAN, standardized tests, profiling)
- PD for Office staff – Microsoft Suite, Office365, Outlook – use of Lynda.com
- Implementation of Vivi for wireless connection to displays – Westcourt and some selected room at ER campus
- Installation of Video Conferencing equipment – WC and ER campuses

Longer term (2-5 years) goals

- Increased delivery of curriculum and student work via ICT – use of eLearning methods; simulation software; ClickView (video across the network); web based applications; digital photo and video integration in student work; ePortfolios; email communication; electronic delivery of assignments; internet applications; increased intranet interactions between school and home and within the school; collaboration via cloud networks including OneDrive and Google Drive
- Coding to be increased in new DigiTech Curriculum 2017-18 but requires curriculum restructure
- Implementation of ICON – eAdmin, eLearn, ePlan by 2018-19
- Replacement of iPads
- Upgrade of Wireless Access Points to 802.11 ac – ER Campus
- Replacement of Data Projectors to HDMI ports – ER Campus
- Installation of Vivi – ER Campus
- Continue to improve camera monitoring as required
- Continued cyclical upgrading of servers and network equipment