



Inglewood Primary School

Digital Technologies operational Plan 2017



Inglewood Primary School Whole School Operational Plan – 2017

Business Plan Targets

Preparation for NAPLAN online

Satisfaction Rates

BYO iPad survey satisfaction rates for parents, teachers, students >95%

ICT General Capability

Students develop ICT capability as they learn to use ICT effectively and appropriately to access, create and communicate information and ideas, solve problems and work collaboratively in all learning areas at school, and in their lives beyond school. ICT capability involves students in learning to make the most of the technologies available to them, adapting to new ways of doing things as technologies evolve and limiting the risks to themselves and others in a digital environment.

Cross Curricular Links through SCSA English

ICT capability is an important component of the English curriculum. Students use ICT when they interpret and create print, visual and multimodal texts. They use communication technologies when they conduct research online, and collaborate and communicate with others electronically. In particular, they employ ICT to access, analyse, modify and create multimodal texts, including through digital publishing. As students interpret and create digital texts, they develop their capability in ICT including word processing, navigating and following research trails and selecting and evaluating information found online

Cross Curricular Links through SCSA Mathematics

Students develop ICT capability when they investigate, create and communicate mathematical ideas and concepts using fast, automated, interactive and multimodal technologies. They employ their ICT capability to perform calculations, draw graphs, collect, manage, analyse and interpret data; share and exchange information and ideas and investigate and model concepts and relationships. Digital technologies, such as spreadsheets, dynamic geometry software and computer algebra software, can engage students and promote understanding of key concepts.

Cross Curricular Links through SCSA Digital Technologies

In Digital Technologies, students develop an understanding of the characteristics of data, digital systems, audiences, procedures and computational thinking. They apply this when they investigate, communicate and create digital solutions. Students learn to formulate problems, logically organise and analyse data and represent them in abstract forms. They automate solutions through algorithmic logic. Students decide the best combinations of data, procedures and human and physical resources to generate efficient and effective digital solutions. They create digital solutions that consider economic, environmental and social factors.

Strategies	Resources	Monitoring/Milestones
Priority Area 1 Effective and Relevant Teaching		
Building Staff Capacity		
Create leadership opportunities for staff through ICT committees and learning areas	STEM leader, Deputy Principal, ICT committee	Staff survey
PD staff on using apps for iPads for teaching and learning	Apple Educator PD – John, Staff “experts”, Online PD, SciTech PD after school, Deputy Principal, peer collaboration time	Staff survey
Staff given opportunity to share ideas and trial apps	After school tech play sessions – run by STEM leader	Staff feedback
Staff PD and in class demonstrations on using digital technology curriculum	STEM leader, Deputy Principal, experts on staff, staff meetings/PD days	Staff survey Student achievement
Staff development through collaboration DOTT time	Deputy Principal, STEM leader, Timetable	Staff survey
Quality Curriculum implementation		
Students develop ICT capability and learn to use ICT effectively and appropriately to access, create and communicate information and ideas, solve problems and work collaboratively in all learning areas	Staff Deputy Principal Older students mentoring younger classes/ ‘texperts” peer mentoring iPad/laptops	Reporting to Parents Staff self-assessment

Staff follow school developed ICT skills Scope and Sequence of skills to be taught with iPads and Desktop/Laptop computer use	WA Digital Technologies Curriculum Scope and Sequence Apps, interactive learning programs, Connect	Student achievement results
Staff teach skills according to WA or Australian curriculum and Inglewood Digital Technology S&S	WA Digital Technologies Curriculum Scope and Sequence, Inglewood S & S Apps, interactive learning programs, Connect	Reporting to Parents Staff self-assessment
Focus on STEM in the early years with problem solving and teaching coding in the early years as per Focus 2017	Scratch Jnr, Code.org Beebots, DoE Robotics kits & iPads, CS Unplugged, Deputy Principal, STEM leader & staff experts	Develop assessment tasks for early years learning
Use of relevant strategies and resources		
Use digital technology to present learning experiences for students	Easiteach, , iPad air server Interactive LED/Projector/Board or Smartboard iPads	Staff survey
Maintain upgrade cycle of computers in the school so they are not more than 4 years old (see replacement schedule)	Replacement Schedule ICT budget P & C funding (?)	Financial statements
Use of Connect instead of Intranet to streamline storage of relevant teaching resources, links and documents	Connect WA DoE – managed by Admin team	Number of Connect views Staff survey
Ensure staff have access to working point of need Digital Technology through laptops, desktops or tablets, interactive whiteboard/panels or projector	ICT committee, ICT Maintenance (Pete)Deputy Principal, Updated replacement schedule yearly and as required, TANG network integrator support (Kurt)	Staff feedback

Maintain laptop trolleys for classroom use	Deputy Principal, MCS, ICT Maintenance (Pete)	Staff feedback
Use of iPads for Junior – Middle Primary classrooms (K-3) for literacy and numeracy group work or for integration of Digital Technology curriculum	Bank of 8 iPads per year level K-3 iPad storage/trolleys/iPad cases 8 iPads per year level	Student achievement results
Develop BYO iPad Program for students from years 4 – 6	Apple Educator resources Deputy Principal, Year 4-6 teachers, Staff “experts” Booklist for 2018	Student participation Parent survey results
Ensure a variety of teaching strategies address explicit teaching, cooperative learning and inquiry based learning styles	Resources from Connect, Kagan or Barrie Bennett Cooperative learning, Staff PD, Collaborative planning time	Student achievement results
Priority Area 2 Engaged and Successful Students		
Differentiating the Curriculum		
Staff programing to integrate use of digital technology for remediation and extension	iPad apps and software such as PLD Apps (Diana Rigg) and Reading Doctor, coding and programing websites and apps such as Hopscotch and Scratch	Student achievement results
Maintain and audit software subscriptions	Mathletics Wordshark Studyladder Library Program Software Support Reading Doctor	Replacement schedule
Use of digital assessment tools such as Mathletics, PAT-M and PAT-SPG to analyse and plan for student improvement	PAT subscription, Mathletics membership	Assessment results
TAGS group for digital technology	Lego Mind storm Classroom teacher at recess	Student assessment results

Developing the Whole Child		
Provide students with opportunities to be innovative and access relevant digital technology on a daily basis	Year 4-6 iPad program Laptop trolley, iPads for years K-3 Interactive boards	Student participation
Providing a Safe and Supportive Learning Environment		
Students online policy updated regularly and provided to student at the start of each school year, signed and returned to classroom teacher	Deputy Principal & ICT committee Classroom teachers, students, parents	Number of forms returned Student/parent surveys
BYO iPad student agreement and policy updated regularly and signed and returned to classroom teacher	Deputy Principal & ICT committee Classroom teachers, students, parents	Student behaviour reports
Cybersafety skills and teaching embedded in classroom practice	Class teachers Guest Speakers Deputy Principal, Digital Technology S & Office of Child eSafety Commissioner website	Student behaviour reports
Ensure Staff promote and teach a range of virtues and values, linked to assemblies and newsletters	Digital resources	Student behaviour reports
Priority Area 3 Meaningful Community Relationships		
Public Relations and Marketing		
Maintain School website / Set up School Connect Community (2018?)	Admin	Parent/staff satisfaction survey
Maintain school communication app	Admin	Parent/Staff satisfaction survey

Maintain and update classroom blogs/websites/Connect classroom	Class teachers	Parent satisfaction survey
Publicise Digital Technology through assemblies, newsletter, website, Class Dojo, Connect	Class teachers, Admin	Parent satisfaction survey
Parent Engagement		
Parent information sessions to support programs such as BYO iPad	Deputy Principal Classroom teacher	Parent satisfaction survey
Staff to communicate and invite parents to participate in classroom activities	Classroom teacher Parent information sessions and interviews	Parent satisfaction survey
Interacting with Wider Community		
Invite special guests to participate in STEM activities	Classroom teacher	
Engagement in network schools to share STEM ideas and activities	STEM Curriculum leader, Deputy Principal	
Engagement with local businesses and organisations for STEM support	Classroom	
Priority Area 4 Transparent and Timely Governance		
Effective Management of human, physical and financial resources		
Budget and planning for ICT replacement program updated yearly (including desktops, iPads, laptops, interactive whiteboards and ancillary resources such as trolleys and Apps)	Deputy, ICT committee, MCS	Budget
Create submissions for P & C funding	P & C, ICT committee, Deputy Principal, MCS	P & C meeting

Replacement schedule regularly updated	MCS, Deputy Principal	Replacement schedule and financial reports and budget
Set up iTunes and Volume Purchasing Program for purchase of Apps	Deputy Principal	
Use Macbook/MDM to manage school iPads	Purchase Macbook? MDM options	Investigate best option for IPS
Utilise Tang as network integrator to support management of digital technology	Tang network integrator	Monthly TANG reports
Developing a high functioning school board		
Board approval of ICT, iPad and digital technology policy	Board Deputy Principal	Board meeting minutes