

Curriculum leader: Katie Watts & Perri Nixon	Budget: \$2,000
Technologies Values and Beliefs	
Provide opportunities for students to learn design (STEM) and digital technologies through inquiry based learning and explicit teaching.	
Overarching Teaching Approach	
We will focus on building staff capacity and expertise for the best possible teaching practices.	
Strategies:	
<ul style="list-style-type: none"> • Embed a culture of whole school collaboration • Focus on data informed and evidence based teaching practices • Increase whole school consistency with teacher planning, delivery and assessment practices • Develop staff capacity and expertise to teach STEM and digital technologies • Apply AITSL standards and processes for reflection and professional growth 	
Technologies Teaching Approach	
Motivate and engage students in a range of learning experiences that foster curiosity, confidence, persistence, innovation, creativity, respect and cooperation through the integration of technologies across all learning areas.	
Looks like:	
<ul style="list-style-type: none"> • Collaboration • Alternative forms of assessment • Self-Reflection • Shared Responsibility • Open-ended Activities • Movement during activities • Flexibility with timing • Embedded technology • Cohort projects • Utilise the National Quality Standards to enhance the learning opportunities and development of children in P-2 	

Support	Resources	Assessment and Monitoring	Reflections and Evaluations
<ul style="list-style-type: none"> • Digital Technology / STEM Coordinators/Committee • Administration • All Staff • Technician • Relief • Professional Development • Technology equipment • Human Resources • iPads / Laptops for each year group 	<ul style="list-style-type: none"> • Relief • Professional Development • Technology equipment • Human Resources • iPads / Laptops for each year group 	<ul style="list-style-type: none"> • Moderation Tasks • Committee Meetings • Planning Documents • Whole School / Cohort Projects • Audits / Stocktakes • Performance Development 	<ul style="list-style-type: none"> • Assessment Scale • Self-Reflection • Staff Surveys • Exemplars

SUCCESSFUL STUDENTS We will set high expectations for student learning and encourage our students to be well-prepared for the future and to achieve their personal best.

• Outcome	Strategies and Actions	Resources	Responsibility	Timeline
1. Develop a whole-school technologies plan.	<p>a. Develop a technologies committee</p> <ul style="list-style-type: none"> Champions for each block / cohort Collaboration time for all staff to review Upskill staff <p>b. Management / leadership PL</p> <ul style="list-style-type: none"> Include staff other than admin in decision making process 	<p>Relief to free up staff</p> <p>Champions</p> <p>Designated year group apps / programs, building on from previous year and as requested / needed</p>	<p>Digital Technology / STEM Committee</p> <p>Administration</p> <p>Digital Technology / STEM Coordinators</p> <p>School Board</p> <p>All Staff</p>	<p>Semester 1 2020</p> <p>Ongoing</p>
2. Develop consistent curriculum processes reflective of the WA Curriculum and contemporary practices.	<p>a. Moderation tasks</p> <ul style="list-style-type: none"> Shenton Network common assessment tasks (CAT) <p>b. Clearly stated links between tasks and the scope and sequence</p> <ul style="list-style-type: none"> STEM Kits Highlighted Scope and sequence Semester programs for each year group <p>c. NQS & ELYF</p>	<p>Digital tasks</p> <p>Connect groups (DREAM Shenton Network)</p> <p>Scope and Sequence</p> <p>Skills checklists</p> <p>Shared Drive</p> <p>STEM cohort projects</p>	<p>Digital Technology / STEM Coordinators</p> <p>Digital Technology / STEM Committee</p> <p>All Staff</p>	<p>Semester 1 2020</p> <p>Ongoing</p>
3. Provide opportunities for students to learn technology (STEM) and digital technologies through inquiry-based learning to facilitate the celebration of the learning process.	<p>a. Continued use and updates of maker spaces and enquiry learning spaces (E-Zones)</p> <p>b. One- to-one device program (formally BYOD)</p> <ul style="list-style-type: none"> Year 4-6 <p>c. Greater access to technologies</p> <ul style="list-style-type: none"> Laptops 5-6 (class set) Laptops 1-4 (4 per block) Leasing and purchasing of additional devices 	<p>Block Maker space budgets</p> <p>STEM kits and resources</p> <p>P & C Funding</p>	<p>Digital Technology / STEM Coordinators</p> <p>Digital Technology / STEM Committee</p> <p>All Staff</p>	<p>Ongoing</p> <p>Ongoing</p>

HIGH QUALITY TEACHING - We will focus on building staff capacity and expertise for the best possible teaching practices.

Outcome	Strategies and Actions	Resources	Responsibility	Timeline
1. Develop a multi device / access approach to digital technologies.	<p>a. Expose students to iPads, Laptops and other STEM equipment</p> <ul style="list-style-type: none"> • Timetables • Allocated STEM activities • Troubleshooting guide • Typing Skills <p>b. Establish clear staff expectations and guidelines</p> <p>c. iPad / Laptop access K-6</p>	<p>P.D.</p> <p>Scope & Sequence</p> <p>Operational Plan</p> <p>Typing Club</p>	<p>Digital Technology / STEM Coordinators</p> <p>Digital Technology / STEM Committee</p> <p>All Staff Admin</p>	<p>Semester 1 2020</p> <p>Ongoing</p>
2. Develop a shared responsibility / approach that supports and provides access to multiple devices.	<p>a. Establish a Design & Technology / STEM Committee</p> <p>b. Review of Digital Technologies and STEM operation plan</p> <p>c. Audit of digital resources</p> <ul style="list-style-type: none"> • What is being used? • Feedback on appropriateness • Replacement / repair of equipment <p>d. Upskill staff on the use of relevant technology</p>	<p>STEM Kits</p> <p>Laptops</p> <p>iPads</p> <p>Maintenance Book</p> <p>Operational Plan</p> <p>P.D.</p>	<p>All staff</p> <p>Digital Technology / STEM Committee</p> <p>Digital Technology / STEM Coordinators</p>	<p>Term 1 2020</p> <p>Ongoing</p>
3. Expand the use of iPads and Laptops in the school to support student learning.	<p>a. Lease / Purchase additional devices</p> <ul style="list-style-type: none"> • 100 iPads & 60 Laptops (Windows) <p>b. Upskilling of staff on device usage</p> <p>c. iPad / Laptops available for each block (4)</p>	<p>Connect Software</p> <p>Air Server</p> <p>iPads</p> <p>Charger Sets</p> <p>One to One iPads</p>	<p>All staff</p> <p>Design & Technology / STEM Committee</p> <p>Digital Technology Coordinator</p>	<p>2020</p> <p>Ongoing</p> <p>(Achieved)</p>
4. Build staff capacity with technologies teaching and learning.	<p>a. Complete an annual PL audit and needs assessment</p> <p>b. Provide regular and ongoing support for staff - including professional learning</p> <p>c. Establish a technologies vision</p> <ul style="list-style-type: none"> • Why? • What? 	<p>Scope and Sequence</p> <p>Collaboration Time</p>	<p>All staff</p> <p>Digital Technology / STEM Committee</p> <p>Digital Technology / STEM Coordinators</p> <p>Admin team</p>	<p>Semester 2 2018</p> <p>Ongoing</p> <p>Achieved</p>

5. Integrate STEM and inquiry learning into the technologies curriculum across the school.	a. Cross-Curricular learning programs <ul style="list-style-type: none"> • STEM activities • Maker Space Areas 	P.D. STEM equipment P & C funding	All Staff Digital Technology / STEM Coordinators	Semester 1 2020 Ongoing
	b. Planning, teaching and learning that reflects the integration of Digital Technologies and STEM	Headphones (2 x Class Set)	Digital Technology / STEM Committee	Achieved

EFFECTIVE LEADERSHIP - We will lead and manage within a culture that promotes collaboration and shared responsibility for student achievement and school improvement.

Outcome	Strategies and Actions	Resources	Responsibility	Timeline
1. Develop staff and student capabilities with the technologies curriculum.	a. Introduce middle leaders and coaching	Relief	Digital Technology / STEM Committee	Semester 1 2020
	b. Inform all staff of P.D. opportunities	P.D. Collab Meeting Time	Digital Technology / STEM Coordinators Administration Team All teaching staff	Ongoing
2. Develop a long-term hardware and resource plan for technologies.	c. Understand the Digital Technologies scope and create a Swanbourne P.S. Scope and Sequence for skill development			
	d. Upskill Digital Technologies / STEM committee			
	e. Provide opportunities to mentor / upskill all staff			
	f. Integrate cross curricular programmes <ul style="list-style-type: none"> • Lesson examples and links to additional content. 			
	a. School-wide ongoing audit of technology and requirements	iPads (100+)	All staff	2020
b. Combine leases with purchases	New Laptop Lease (62) until 2020	Administration Team	Ongoing	
c. Establish and regularly review a technology stocktake list	Coloured tags and equipment storage for each cohort	Digital Technology / STEM Coordinators		
d. Create a product management / maintenance plan	Stocktake list			
e. Regular/continued tech support time	Product management / maintenance plan Tech support (TFX)			

<p>3. Provide education to parents and the community about the school's vision and the place / importance of technologies in the modern curriculum.</p>	<p>a. Report / Update community through newsletter</p> <p>b. Information nights</p> <p>d. Walkthroughs/Open night</p> <p>e. Board Showcase/updates</p> <p>f. Connect Community</p>	<p>Newsletter / Website</p> <p>Human Resources (Staff)</p> <p>JBHiFi</p>	<p>Administration Team</p> <p>Digital Technology / STEM Coordinators</p>	<p>Semester 1 2020</p> <p>Ongoing</p>
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