



INFANT JESUS SCHOOL

At Infant Jesus, our Vision is to develop the whole child to seek the truth through the teachings of Christ in Faith, Hope and Love.

Information and Communication Technology
Technology Enhancing Learning



OUR MISSION

Infant Jesus School is a place where every individual is welcomed, cherished, respected and valued. Our Catholic ethos ensures that a Christ-centred approach is at the heart of all we do. We live and learn within a community that is caring, loving, compassionate and forgiving. Meaningful relationships form the basis of all our interactions.

We provide our children with an education that will prepare them for life. Our learning community fosters confident, independent and life-long learning with an attitude which promotes achievement beyond the potential of all individuals in an environment embedded in our Gospel values. We utilise technology as a tool to aid our learning and develop critical thinkers who are able to access information and communicate effectively, thereby enhancing their potential as life-long learners. Assessment tasks are explicit and meaningful catering for the children's varied learning styles and provide diagnostic information for future planning. Reporting to parents is purposeful, varied and reflects the child's development.

Our staff are dedicated, qualified, innovative professionals who receive ongoing training in current pedagogical practices. They are committed to supporting each child to achieve personal excellence.

We provide a nurturing learning environment where students feel happy and safe. Our students respect themselves and others in a manner which shows acceptance towards all cultures, both within the school and in the wider community. We share a positive relationship and welcome close interactions between the school, parish and local community. We encourage our students to think of others, give service to those in need and foster a spirit of Truth and Justice for all.

We acknowledge parents as the first educators of their children. We have a strong partnership with each family and encourage their involvement. Our home/school relationships are based upon on-going communication, openness and trust. Parents are supported in understanding their role alongside the school and parish and together we support the child to achieve beyond their potential.

OUR VALUES

We Celebrate Childhood in the Spirit of Infant Jesus through:

- **Living Our Catholic Faith**
- **Truth** - We promote Truth and Justice in a spirit of Infant Jesus
- **Excellence** - We work hard to be the best we can
- **Uniqueness** - We value the individuality of each person
- **Community** - We cooperate and engage in open communication with one another
- **Relationships** - We show respect and kindness to all



The Melbourne Declaration on the Educational Goals for Young Australians (MCEETYA 2008) recognises that in a digital age, and with rapid and continuing changes in the ways that people share, use, develop and communicate with ICT (Information Communications Technology), young people need to be highly skilled in its use. To participate in a knowledge-based economy and to be empowered within a technologically sophisticated society now and into the future, children need the knowledge, skills and confidence to make ICT work for them at school, at home, at work and in their communities.

Infant Jesus School ICT Vision

Infant Jesus School endeavours to provide all staff and children with the skills, tools and mind set to achieve success in a rapidly changing technological and information rich world. We aim to develop our staff, children and parents into responsible digital citizens who are able to interact collaboratively as members of the connected global community. By integrating Information and Communication Technologies into all areas of the Australian Curriculum we aim to provide powerful and effective tools to engage children, empower teachers and involve parents in developing lifelong learners.

Infant Jesus School Implementation

Infant Jesus School commenced a trial BYOD (Bring Your Own Device) 1-1 iPad Program with the Year 3-6 classes in 2014. The outcome has been extremely successful and the iPad has become an educational tool in the child's toolkit to help meet curriculum requirements alongside (rather than instead of) more traditional tools like text books, pencils and paper.

iPads as a tool are fast and automated, interactive and multimodal and they support the rapid communication and representation of knowledge to many audiences and adapt to different contexts. They afford children the opportunity to transform the ways that they think and learn and give them greater control over how, where and when they learn.

The program involves children bringing to school their own personal device which has specifications as given by the school. Please note this is not compulsory. The school will continue to provide an iPad for children who do not have access to one.

Reflections of our implementation of iPads

Students reported:

The iPad motivated me to read.

I can choose the app that suits the way I learn.

I do lots of work at home because the iPad is fun and easy to use.

I like making movies instead of just making posters. It's so much fun!

I enjoy using iPads because we have the ability to choose whether we use technology or not.

I like how we publish our school work on iPads instead of always just using paper.

Teachers reported:

Watching reluctant children become more engaged with their learning.

Children strive to make their presentations better.

There is an instant wow factor, but the motivational effect does not wear off.

I have easy access to children's work.

We easily built an online community with classes from other countries using Edmodo.

Many of my more reluctant learners have become engaged learners.

Isolated children become more social by sharing their skills and knowledge.

Children want to share their work with the class.

Children became more independent and focused on their learning and realized that the classroom was bigger than the school buildings.

Parents reported:

My child brings work home with them on their iPad, it has always been hard to get them to bring books home.

My child wants to show me what they have been doing in class.

iPads are lighter to carry than a laptop or a bag of books.

Understanding the Digital Generation

Today's world is not the world we grew up in and it certainly is not the world our children will live in. Because of the dramatic changes our world has undergone, schools were not designed for today's children and teachers were not trained to teach for today's world. At Infant Jesus we have continued to provide professional development and training for our staff and children to make us become more adept to this ever changing technological world.



Our ICT beliefs

At Infant Jesus School we believe that:

- All children can learn and do so in a variety of ways.
- Meaningful technology integration is an essential element to learning in the 21st Century.
- Effective teacher up-skilling is important in raising competencies for all educators, children and parents.
- Technology is a tool that is **one** part of a quality learning process and needs to be used in conjunction with other effective pedagogical strategies.
- iPads are neither a substitute nor a replacement for tools we are already using; they are tool that can be used as they allow for outcomes to be achieved in ways not previously possible.

Benefits of a 1-1 Program

When every child has access to a device, it significantly changes the way the child interacts with their world and their learning. Research shows that children develop greater computer literacy, confidence, English skills (particularly writing) and a greater sense of critical literacy when they have ongoing access to a personal device.

The degree of authentic learning happening in the classroom increases because the school walls and the input from the teacher no longer lock the children into school hours for learning.

The teachers are able to develop far more high order thinking skills in the children that allows for development of a range of 21st Century skills like collaboration and problem solving.

The children and teachers find it easier to meet the demands of the Australian Curriculum and the Australian Teacher Standards that both require constant integration and application of ICT skills and processes.

How will the iPad affect teaching and learning?

iPads complement the teaching and learning happening in the classroom. An iPad will not replace the teacher; nor will it replace traditional lessons. They integrate within the classroom and are used as necessary, when it is appropriate. Children still write and read, complete numeracy and literacy activities and learn about the world around them, but they also make movies, upload their work to online communities and create fabulous ways to represent their learning, that would not have been possible without the use of the technology.

Research from around the world indicates that generally the work completed on the iPad is of a higher and more complex standard than work completed via pen and paper. Children write more and tend to spend more time on their iPad work when compared to work completed in more traditional methods.

Why are iPads the tool of choice?

Ease of use: The primary reason that the iPad is popular, is that it is the simplest device to use with all ages of children. It is intuitive and doesn't require a lot of training to use the main features. The app store has hundreds of thousands of educational apps that allow teachers to cater for the needs of all children in the classroom. The accessibility features built into the iPad mean all children have equal access, regardless of their movement, vision, hearing or other issues.

Battery Life: The iPad has an up to 10 hour battery life and our experience is that this is more than adequate for a day's use in the classroom. There is an expectation that the iPad will be bought to school fully charged each day. There will not be charging facilities at school for your child's iPad.

Market Share: iPads are dominating the education market place, with the latest announcements from Apple putting the estimates at 94% of the US tablet market and almost 40% of schools world wide adopting the iPad as their preferred educational tool.

Cost: The cost is significantly less when compared with other school recommended laptops but it is the variety of low priced apps available that really creates the difference between traditional laptops and the iPad.

Size: The size and weight of the iPad – whether it is the full sized iPad or the iPad Mini, younger children can easily carry them in their bag without a huge amount of added weight. The instant on/off feature makes it a joy to use and manage in a classroom setting and provides the most flexible learning opportunities.

Safety and Security

iPads connect to Wi-Fi in the school environment and the school has standard internet filtering that prevents the children accessing inappropriate materials in the school. Home internet can be filtered, but that will need to be worked out with your own internet service provider.

iPads will be locked in the classrooms at recess time and lunchtime.

One of the biggest worries with an iPad is breakage and most of this can be prevented with a sturdy case. Please choose a case that protects the corners as well as the front and the back of the case. A few more dollars invested at the beginning can prevent a smashed screen later. Most schools report less than 1% of iPads being damaged if the iPads are parent owned and managed.

Having iPads managed and insured by individual parents ensures that very few iPads are damaged and repairs, warranties and insurance claims are managed in a far more cost efficient and timely manner than the school would be able to negotiate.

With approximately 200 iPads coming into the school and over 100 school purchased iPads we have seen very few incidents with either breakage or damage. The children taking responsibility for their device has also shown great benefits in developing personal responsibility and pride in children's belongings.



Recommended Models

The school recommends a 32GB iPad. It can be a mini or the full size iPad, but it must be an iPad, not another tablet. The children will be making use of a lot of multimedia and these files can become quite large and often the 16GB iPad runs out of memory rather quickly. If the family already has an iPad at home that meets these minimum requirements it is feasible that this iPad may be used as the school iPad.



Apps

Each family will set up an iTunes account. Apple's rules of use prevent children under the age of 13 having an iTunes account so the account will be managed by one of the parents. It is recommended that the iTunes accounts be set up using vouchers rather than directly connected to a credit card.

There will be a core set of apps for every child and a set of year level specific apps that will be determined by each teacher. There will be apps to do simple word processing, book creating, movie making, music creation, photo editing, drawing as well as apps that will take the place of a dictionary, atlas, calculator and bible. A full list will be sent home, with links for downloads, by the end of the year. Many of the apps will be free but some of the most powerful and useful apps will incur a cost.

Apple Family Sharing

With the recent advent of Apple sharing, up to six people in your family can share purchases from iTunes, iBooks or App Store without sharing accounts. You can now pay and approve app purchases on children's devices linked to your personal credit card. More information may be found on the Apple website <https://www.apple.com/au/ios/whats-new/family-sharing/>.

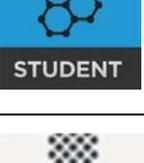
2016

List of required apps for Years 3, 4, 5 and 6 students on their iPads.

Icon	App	Link to App Store	
	Pages	https://itunes.apple.com/au/app/pages/id361309726?mt=8	This is free on iPads purchased after 2013
	Keynote	https://itunes.apple.com/au/app/keynote/id361285480?mt=8	This is free on iPads purchased after 2013
	iMovie	https://itunes.apple.com/au/app/i-movie/id377298193?mt=8	This is free on iPads purchased after 2013
	Popplet	https://itunes.apple.com/au/app/popplet/id374151636?mt=8 \$7.99	Years 3-6
	Puppet Pals	https://itunes.apple.com/au/app/puppet-pals-2-all-access/id557616416?mt=8	Years 3&4
	Spellboard	https://itunes.apple.com/au/app/spellboard/id390290951?mt=8 \$7.99	Years 3-6
	Explain Everything	https://itunes.apple.com/au/app/explain-everything/id431493086 \$5.99	Years 3-6
	Book Creator	https://itunes.apple.com/au/app/book-creator-for-ipad-create/id442378070?mt=8 \$7.99	Years 3&4
	Comic Life 3	https://itunes.apple.com/au/app/comic-life-3/id891378056?mt=8 \$7.99	Years 5&6

	Garage Band	https://itunes.apple.com/au/app/garageband/id408709785?mt=8	
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Free Core Apps for iPads

Icon	App	Link to App Store
	AudioBoom	https://itunes.apple.com/au/app/audioboo/id305204540?mt=8
	Show Me	https://itunes.apple.com/au/app/showme-interactive-whiteboard/id445066279?mt=8
	Dictionary	https://itunes.apple.com/au/app/dictionary.com-dictionary/id364740856?mt=8
	Kaywa	https://itunes.apple.com/au/app/qr-code-reader-from-kaywa/id520776783?mt=8
	iBooks	https://itunes.apple.com/au/app/ibooks/id364709193?mt=8
	iTunesU	https://itunes.apple.com/au/app/itunes-u/id490217893?mt=8
	Socrative Student	https://itunes.apple.com/au/app/socrative-student/id477618130?mt=8
	Tayasui Sketches	https://itunes.apple.com/au/app/tayasui-sketches-draw-paint/id641900855?mt=8
	Pic Collage	https://itunes.apple.com/au/app/pic-collage/id448639966?mt=8

	Google earth	https://itunes.apple.com/au/app/google-earth/id293622097
	Avairy photo editor	https://itunes.apple.com/au/app/photo-editor-by-aviary/id527445936?mt=8
	iMotion HD	https://itunes.apple.com/au/app/imotion/id421365625?mt=8
	Trading Cards	https://itunes.apple.com/au/app/trading-cards/id555742821?mt=8
	Venn Diagram	https://itunes.apple.com/au/app/venn-diagram/id666981188?mt=8
	Encyclopedia Britannica	https://itunes.apple.com/us/app/encyclop-dia-britannica/id447919187?mt=8
	Kid Dictionary	https://itunes.apple.com/au/app/kids-picture-dictionary-educational/id482972824?mt=8
	WebDav Navigator	https://itunes.apple.com/au/app/webdav-navigator/id382551345?mt=8
	Tellegami	https://itunes.apple.com/au/app/tellagami/id572737805?mt=8
	TouchCast	https://itunes.apple.com/au/app/touchcast-interactive-video/id603258418?mt=8
	Hudl Technique	https://itunes.apple.com/au/app/ubersense-coach-slow-motion/id470428362?mt=8

	Aurasma	https://itunes.apple.com/au/app/aurasma/id432526396?mt=8
	Chatterpix Kids	https://itunes.apple.com/au/app/chatterpix-kids-by-duck-duck/id734046126?mt=8
	Loop	https://itunes.apple.com/au/app/loop/id622631754?mt=8
	Timeline	https://itunes.apple.com/au/app/rwt-timeline/id724817238?mt=8
	ThingLink	https://itunes.apple.com/au/app/thinglink/id647304300?mt=8
	Abode Voice	https://itunes.apple.com/au/app/adobe-voice-show-your-story/id852555131?mt=8
	Skitch	https://itunes.apple.com/au/app/skitch-snap.-mark-up.-send./id490505997?mt=8
	Mathletics Student	https://itunes.apple.com/au/app/mathletics-student/id560955922?mt=8
	Bible Gateway	https://itunes.apple.com/au/app/bible-gateway/id506512797?mt=8
	Google Translate	https://itunes.apple.com/au/app/google-translate/id414706506?mt=8

	MyScript Calculator	https://itunes.apple.com/au/app/myscript-calculator-handwriting/id578979413?mt=8
	Google Classroom	https://itunes.apple.com/au/app/google-classroom/id924620788?mt=8
	Google Drive	https://itunes.apple.com/au/app/google-drive-free-online-storage/id507874739?mt=8
	Google Sheets	https://itunes.apple.com/au/app/google-sheets/id842849113?mt=8
	Google Slides	https://itunes.apple.com/au/app/google-slides/id879478102?mt=8
	Google Docs	https://itunes.apple.com/au/app/google-docs/id842842640?mt=8
	Google Photos	https://itunes.apple.com/au/app/google-photos-store-search/id962194608?mt=8
	Easelly	https://itunes.apple.com/au/app/easelly/id934680962?mt=8
	Padlet	https://itunes.apple.com/au/app/padlet/id834618886?mt=8
	Bookabi	No longer in app store.