

# MASTER PLAN - 2023

# SAINT AUGUSTINES CATHOLIC PRIMARY SCHOOL YARRAVILLE

Prepared for: Mr Mathew Stead , School Principal.

Prepared by: Architecture Matters

Project 2023 9 March 2023

## architecture matters

Level 1/430 William Street, West Melbourne, Victoria, 3003

#### SAINT AUGUSTINES CATHOLIC PRIMARY SCHOOL YARRAVILLE

## SCHOOL VISION

The school's vision for the educational program is informed by best practice of today's education settings and the need to prepare students for a world that is constantly changing. The educational challenge for the future centers on preparing students to be autonomous, self-directed learners by fostering the development of strategies for problem solving, creative thinking and the recognition of learning as a lifelong pursuit.

The growth in faith development for each member of the school community is also a priority. The school is a place where every person is valued in light of the teachings of Jesus. It is also a place where the educational vision of the staff can be brought to life through mentoring, planning, reflection on practice and through the stimulation of creativity.

At St. Augustine's the school believes in a personalised approach to learning whereby the individual needs of each student are catered for.

With this in mind, the educational program focuses on Provision for the school and its community to discuss research and reach a consensus on:-

Collaboration and cooperation between learners

Solution - Glass panels/walls

Contextualised learning which fosters links with real life 

Curriculum based activities

- Learning to learn
  - Solution Curriculum based

Transformative learning creating new knowledge

Solution - Curriculum based

Awareness and encouragement of multiple intelligences

• Solution - Curriculum based

Awareness of individual strengths and areas of need leading to the development of personalised learning programs

Solution - Curriculum based

Digital technologies

Solution - Access to enhanced and appropriate technologies communication

#### Computers

• The school uses chrome books as the main IT medium for children to communicate their learnings.-No. required

Flexible teaching and learning strategies - Instruction involving the use of whiteboard, TV screens, NETW, Overhead camera capture

Small/whole group learning situations

• Solution – Furniture selection

# PLANNING AND REFURBISHMENT

Masterplan and staged refurbishment

An overall master plan is to be redeveloped for the site showing the overall vision for the facilities of the school. The masterplan shall indicate the staging of development. The development of the school will depend significantly on the result of applications for capital assistance from Capital Grant Programmes or Supplementary Capital Fund. Currently the school is in the position to undertake Stage 1 of approximately \$2,000,000 with assistance from a grant.

Facilities are currently over the Commonwealth Area Guidelines.

A general allocation of 6.13 sq meters per student applies in determining the nett area a school is nominally entitled to.

As the school exceeds this student to area ratio, new building works expanding the floor area will not be undertaken.

Max class size permitted 26 in years prep to 2, 30 in years 3-6. The school operates a 1 stream in Prep and multi-age in years 3-6

# **FACILITY PLANNING**

The schools intention is to renovate and refurbish existing teaching areas. It is envisaged that the current administration building will be renovated giving a more functional layout.

Extensive renovation and refurbishment will be conducted on the Western Campus, existing administration and double story buildings as a first stage

Refurbishment works and construction of a new STEM center are to be considered in the Eastern campus.

All works will need to preserve the historical significance of the site. The design plan must be such that it is staged in line with the school's budget and financial position.

#### Administration

Administration areas must cater for a welcoming first image of the school community

Secure access into the foyer should be welcoming, convey the image of a place of education according to the values upheld by the school

Workplace safety issues should be reviewed as part of the planning

#### Staff facilities

Staff amenities and meeting areas to be upgraded

#### Classrooms

The classrooms must be considered with a strong emphasis on flexibility in the way in which the learning spaces can be used. There must be provision for teacher's to be able to work together and for students to be able to work in groups and be able to be self-directed in their learning. Facilities must be provided for the storage of teaching resources that are easily accessible to classrooms.

The provision of ICT is an important consideration in the design.

## Considerations:

Students and teachers need to work in flexible areas

Teaching methodologies

- i. John Hattie's personalised learning approach Visible Learning
- ii. Walker teaching method
- iii. Play based learning (Primary)
- iv. Stem based learning (science, technology, engineering art and mathematics)
- v. Infrastructure required to support methodology; furniture, display, technology, wet area, resource, storage
- vi. Provision for Resource center, cooking, horticulture, Gym activities, school assembly
- vii. Other....

#### Play

Playgrounds require review in line with the proposed increase in student population Current playground activities under review by PE Department.

# BUILDING REFURBISHMENT RATIONALE

St Augustine's School has determined after consultation with the Parents, Staff and student representatives that the school is in urgent need of physical improvements to meet the educational and personal needs of their students in keeping with their beliefs about teaching and learning and their understandings about health and safety issues.

The school is old and looks old. The facilities are tired and rundown. They have also considered their responsibility to plan for the future educational needs of students within their community and recognise that current facilities cannot take their community into the future.

The cost of maintenance is growing and need to be examined in the master plan.

Architecture Matters conducted sessions with the Principal, staff, students and parents to test the scope of the brief and explore other areas to be considered in the master planning process.

Considerations and issues arising from these sessions included-

#### Eternal

- An attractive view from street views
- Include an entrance to the school that is attractive, welcoming and functional
- Use of materials blending in with the environment and current buildings
- Security for staff and students
- A garden & environmental setting that can be utilised
- Playground improvements
- Shade
- Connection to the church
- Traffic movement
  - o vehicle
  - Pedestrian
    - Linking of East and West campuses
    - Accessibility DDA

#### The buildings must include:

- Safe pedestrian access with security in main Offices, lift access in the main classroom wing.
- Areas for special storage e.g., math equipment, literacy resources accessible to classroom
- Playground and internal access to toilets.
- Provision to maintain items of historical significance
- New toilets with internal and external access

#### Classrooms must provide:

- Flexible learning areas
- Cater for small as well as for large groups
- Allow teachers to work together
- Be able to cater for IT technology within the classroom setting
- Good storage space

## MASTER PLAN - 2023 SAINT AUGUSTINES CATHOLIC PRIMARY SCHOOL YARRAVILLE

- White Boards and Interactive screens
- Ample Pin-up Boards
- Space for bags
- Communication between classrooms and an effective PA /emergency notification System
- Wet areas
- Natural Lighting
- Sound proofing and attenuation
- Environmentally friendly planning

# **ADMINISTRATION BUILDING**

The following new/refurbished areas are to be provided within the Administration building

#### Administration Offices

- Principal
- Deputy Principal
- Secretary
- Bursar
- work areas
- First Aid facilities
- storage areas See drawings
- Appropriate Archives room
  - School to investigate digitising files and cull unwanted files. Work to be undertaken over the next 12 months

#### Meeting/Interview rooms

- Interview
- Offices for Curriculum Coordinators shared office
- Meeting/Interview rooms
- Staff work/planning areas
- Staffroom that provides a relaxing environment and a quiet area
  - Refurbish existing
  - o New staff toilets/change room/shower

#### Access after-hours for community use to some areas

- Library,
- LOTE,
- STEM,
- Music,
- Drama

#### Library

- Office, maintain as book-based library, teacher resource area
- ICT facility to be integrated with Library ICT resource, computers
- Provision for teaching resources to be accessible to classrooms
- Main teacher resource area to be based in library. Scope of resources required
- Provision required to maintain items of historical significance
   Noted

Areas for special storage e.g., math equipment, literacy resources accessible to classrooms-Scope required

# **CLASSROOMS**

#### **West Campus**

#### General

Open up classrooms for interconnectivity to enable team teaching, adequate supervision, easy arrangement of space for various teaching styles.

Provision for teaching resources to be accessible to classrooms

Student amenities that have both internal/external access

#### Wet Areas

- One per floor.
- All weather outdoor assembly area
  - Create central gathering area, multipurpose, comfortable and warm, well lit, possible weather sheltered area with transparency
- Rendezvous area near classrooms, notice boards, video display of current activities

#### Security/External lighting

Check for blind and black spots

Drinking fountains and hand washing

- Provide hot water and soap to school entry points
- Water stations for bottle filling

#### **East Campus**

External lighting

Refurbish classrooms Drinking fountains

Music / art

- Practice rooms and instrument storage required. Green screen and recording facilities to be developed
- Possible associated clay area and Kiln

#### Wet Areas

• One per floor, School to advise.

#### **Toilet Facilities.**

The student facilities are a priority and should be incorporated into the first stage of the refurbishment program. These facilities need to be modern, easy to clean and maintain and inviting. Consideration also needs to be given to redevelopment of one toilet block to provide outside access for boys and girls from the junior yard during lunch and recess.

The student facilities are a priority and should be incorporated into the first stage of the refurbishment program

## **Technology facilities**

The master plan must give consideration to the school technology master plan to ensure compliance with same. Provision of computer technology is of paramount importance to all learning areas. Consideration must be given to:

- Network cabling/broadcast to all rooms
- Design compatibility with the requirement s of the VPN.

- Infrastructure for the future expansion of network
- Telephone capacity to meet all administration and curriculum needs
- Infrastructure to be capable of running advanced multi-media systems in the learning area
- All computers in the school to be networked
- Technology shall be integrated with curriculum and offer flexibility
- Wireless systems

#### **STEM Center**

St. Augustine's currently offers STEM as a specialist subject. Plans were in place to build a purpose designed STEM Centre. These plans had to be cancelled.

The redevelopment of the current classroom to specifically meet the needs of STEM education needs to be a priority. The provision of a STEM center is required to accommodate the following specialist equipment and teaching areas:

- A2 Plotter Selection
- 3D Printer Selection
- Green Screen
- Electronics equipment Selection
- Display areas
- Science equipment Selection
- Sink
- Fume cupboard
- Oven
- Hot plates
- Extractor fans

#### **Flexibility**

It is required that the overall design be flexible and be adaptable if room use changes. It is also a requirement that information technology infrastructure be built into every room.

- TV screens,
- wireless connection,
- pad chargers

#### **Disabled Amenities**

Disabled amenities are to be provided throughout the school, with access and movement prime considerations. Lifts, ramps and all access toilet facilities need to be major component.

DDA report required

Utility List									
The following authorities are affected by this enquiry									
Туре	Sequence No	Authority	Phone	Status					
	104757120	AusNet Gas Services Pty Ltd	1800088208	Notification Sent					
Electricity	104757118	AusNet Transmission Group Pty Ltd	0396956689	Notification Sent					
Water	104757121	City West Water Ltd.	0393138379	Notification Sent					
<b>Electricity</b>	104757117	Jemena Electricity Networks (Vic)	1300825469	Notification Sent					
Council/Shire	104757115	Maribyrnong City Council	0390324025	Notification Sent					
Communications	104757123	NBN Co, VicTas	1800626329	Notification Sent					
Communications	104757119	Telstra VICTAS	1800653935	Notification Sent					
Communications	104757116	Victrack Access	0396198078	Notification Sent					
	104757122	Viva Energy Australia Ltd	1800945223	Notification Chat					

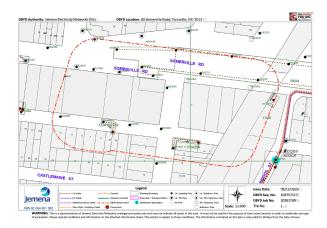
# **SERVICES**

# **HYDRAULICS**

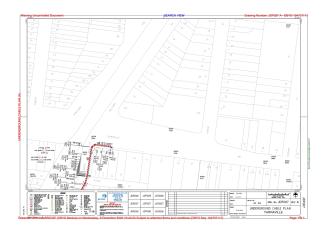
Fire services - Street pressure to be verified

# **POWER**

East Campus – unknown power location in Birmingham St.

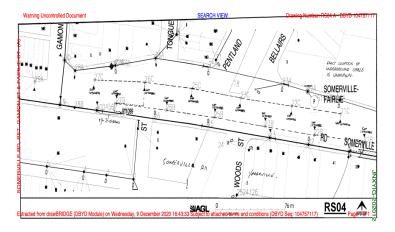


Aus Net have identified a communications cable on the North East corner of the West campus



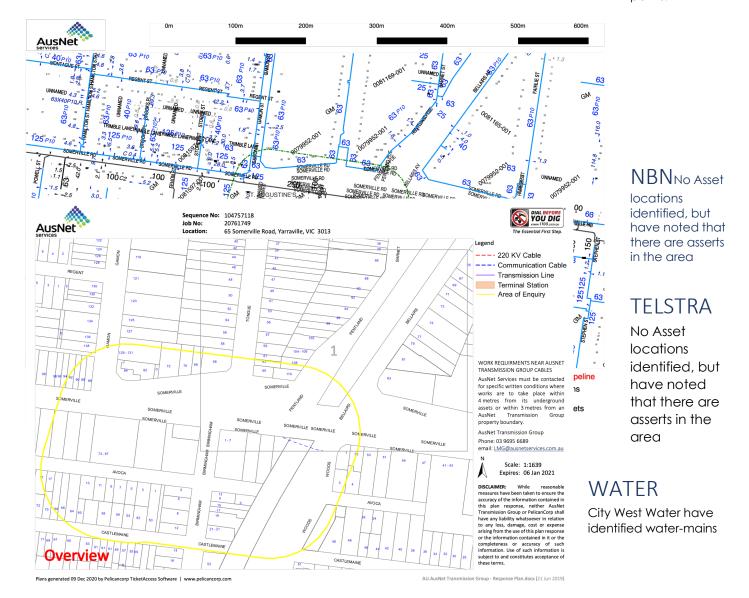
# CIVIL

There are no identified issues with drainage

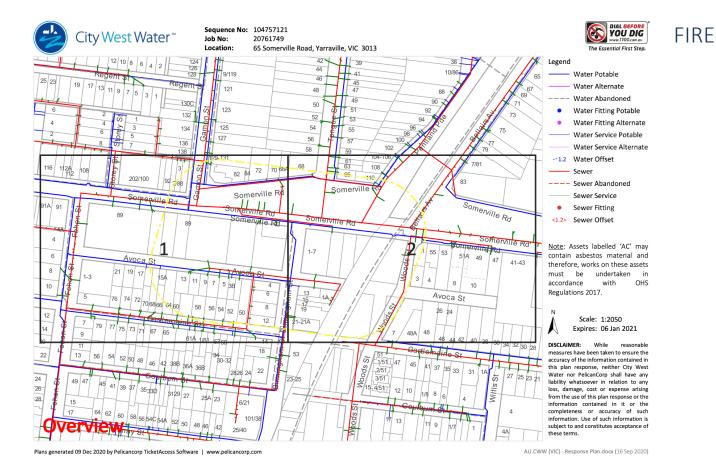


# **GAS**

Gas lines have been identified on the North and south sides of the school, both campuses, with various connection points.



#### as per their DBYD response



# **SERVICE**

Mains pressure to be verified, internal property fire services located

# RAIL RESERVE

#### To:

. - Mr Gerard Hogan 211 Separation Street

Northcote

gmhogan@icloud.com

3070

VicTrack has been advised that you have placed an enquiry through the Dial Before You Dig service, with the following details. Please be advised on the response.

VIC

Sequence Number	104757116
Enquiry Date	09/12/2020 16:40
Response	AFFECTED WITHIN RAIL RESERVE
Address	65 Somerville Road Yarraville
	T all aviile
Location in Road	CarriageWay,Footpath,Nature Strip
Activity	Planning & Design

To obtain information and plans within the Rail Reserve forward your enquiry to External.Property@VICTRACK.com.au. Include a brief description of your intended works.

Please also see VicTrack's Network Protection Plan attachment. This protection plan must be adhered to and noted. Information on VicTrack's Permit To Work requirements and application form are to be accessed from https://www.victrack.com.au/i-want-to/permit-to-work

NB:The Cable details contained within this document and related attachments are valid for 14 days only.

If you have any queries, please contact:

Habib Dagher on 0488 226 700, or David Boot on 0418 749 336, or John Renda on 0418 598 722.

Yours sincerely,

Joe De Luca

**External Plant Manager** 

Please note that these Communication cable plans are only a guide and the drawings should not be scaled to locate the cable. No warranty is given that the information is accurate or complete.

Note - VicTrack does not have responsibility for

Note - VicTrack does not have responsibility for the signalling cables that may be in the area, information for signalling cables can be obtained from ARTC (call Mr Mick Stoneham 0417 219 191) for standard gauge line / Viline (call Mr David Dunstan 0403 195640) for country and V/Line corridors) / Metro (call Signal Fault centre on 9619 2999) of Metro for signalling cables in the suburban area).

#### VicTrack

Level 8, 1010 La Trobe St Docklands VIC 3008 GPO Box 1681 Melbourne VIC 3001 T 1300 VICTRACK (1300 842 872) victrack.com.au



# TOWN PLANNING

## The school is within the general residential zone







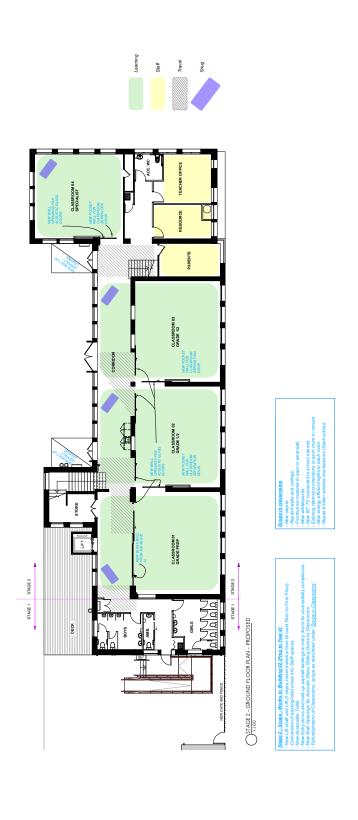


# HERITAGE OVERLAY

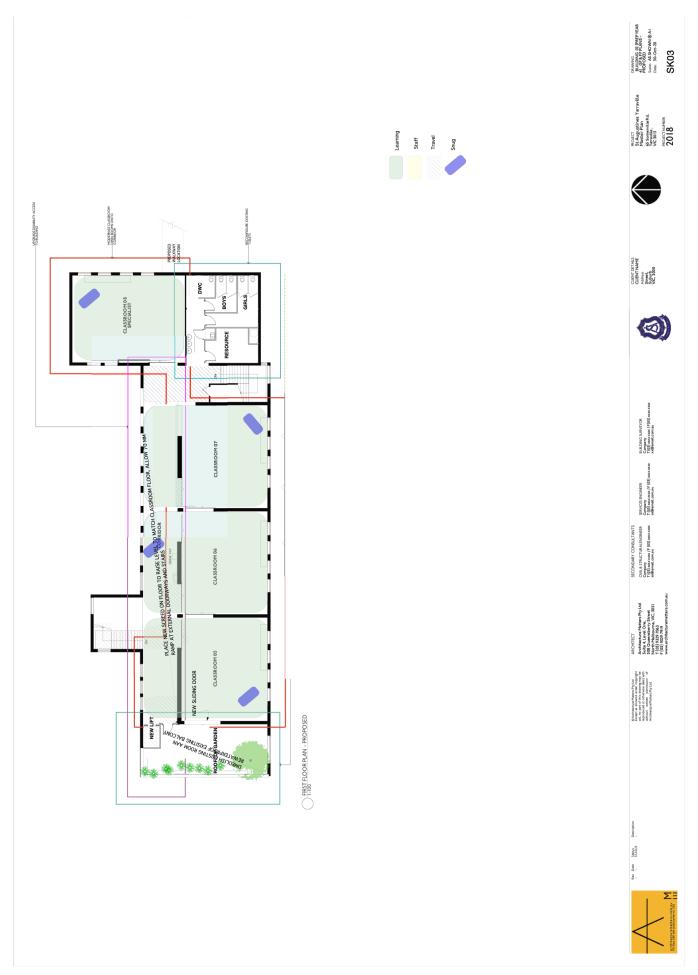
PS Map Ref	Heritage Place	External Paint Controls Apply?	Internal Alteration Controls Apply?	Tree Controls Apply?	Outbuildings or fences which are not exempt under Clause 43.01-4	Included on the Victorian Heritage Register under the Heritage Act 1995?	Prohibited uses may be permitted?	Name of Incorporated Plan under Clause 43.01-2	Aboriginal heritage place?
HO101	Raleigh Castle (archaeological site) 5/17 Belvedere Close, and 1-18/18 Belvedere Close, Maribyrnong		No	No	No	No	No	Archaeological Management Plan	-
HO102	St Augustines Parish Hall and School wing 1-7 Birmingham Street, Yarraville		No	No	No	No	No	-	-

Heritage overlay 102 applies ti the Eastern campus. There are no heritage controls over the

Administration building







# **AREA ANALYSIS**

	Class sizes Maximum 27			220
6.13 sq m per child			No of students	453
No of classrooms	14		No of students	378

Facilities are currently over the Commonwealth Area Guidelines by approx. 50%

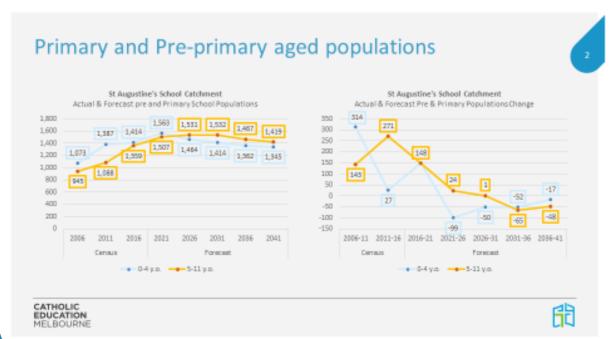
# Existing area

West Campus RoomExisting	Area	West Campus		West Campus Room	Area	East Campus Room	Area	East Campus Room
Administration		West Campus Classrooms –		First floor western Campus		Ground floor		First Floor Art & Drama
Staffroom	69	Travel	13	OGLA	18	Classroom 9/specialist	64	Art room
Interview room one	12	Boys	13	Classroom 5	67	Travel	28	Store
Interview room 2	11	Ambient WC	3	Classroom 6	68	Toilet	4	Travel
Mail toilet	2	Toilets – girls	18	Classroom 7	70	Toilet – girls	17	Store
Travel -Entry	72	Classroom one	89	Travel – stare	10	Toilet – boys	23	Travel
Photo copy room	12	Foyer/Withdrawal room	9	Travel	97	Storeroom - Sports	82	Classroom/specialist
Server room	6	Store under stair	14	Classroom 8/specialist	75	Classroom 10	65	Classroom/music
General office	32	Travel/corridor	107	Store	20	Classroom 11	73	Classroom/STEM
Sick bay	9	Store	3	Toilet – girls	29	External grotto	10	Dark room
Principals office	20	Office under stair	16					Travel
Toilet – disabled	3	Toilet – girls	0					Drama
Toilet – public female	11	Toilet – boys	35					
Library	119	Classroom 2	68					
Office	17	Classroom 3	68					
Office – library	7	Classroom 4	67					
		LOTE	14.8					
TOTALS	402		525		453		366	
Nett Total area	2306							

PROPOSED	Area	West Campus		West Campus Room	Area	East Campus Room	Area	East Campus Room	Area
Administration		Western Campus Classrooms –		First floor western Campus		Ground floor		Art & Drama	
Staffroom	54	Travel	13			Classroom 9/specialist	64	Art room	122
Interview room one	11	Boys	15	Classroom 5	67	Travel	28	Store	39
Bursar	7	Ambient WC	3	Classroom 6	68	Toilet	4	Travel	17
Travel	0	Toilets – girls	18	Classroom 7	70	Toilet – girls	17	Store	1
Mail toilet	20	Classroom one	67	Travel – stare		Toilet – boys	23	Travel	13
Travel -Entry	72			Travel	135	Storeroom - Sports	82	Classroom/specialist	65
Photo copy room	14	Store	14	Classroom 8/specialist	76	Classroom 10	65	Classroom/music	69
General office	28	Travel/corridor	112	Teacher	19	Classroom 11	73	Classroom/STEM	72
Sick bay	8	Disabled	5	Disabled	5	External grotto	10	Dark room	10
Principals office	22	Teacher	19	Resource	12			Travel	60
Library	119	Classroom 3	68	Toilet	0			Drama	92
Staff planning	17	Classroom 2	68			js			
Office – library	7	Classroom 4	67						
Dep Principal	11.4	Resource	13			js			
Office	10	Parents	16						
		Lift	13						
		Parents	16						
TOTALS	400		527		452		366		560
Nett Total area	2,306								

## Toilets

Building address	Address line 1	65 Somerville Rd. Yarraville	, 3013				
Building address	Address line 2						
Building classification	Class 9b - scho	ools					-
				Requi	red sanitary fa	cilities	
Gende	r Design Occupancy	User Group	Closet Pans	Urinals	Washbasins	Showers	Baths
Mal	5	employees	1	0	1	NA	NA
Femal	17	employees	2	NA	1	NA	NA
Mal	70	students	2	2	3	NA	NA
Femal	70	students	4	NA	3	NA	NA
		NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA



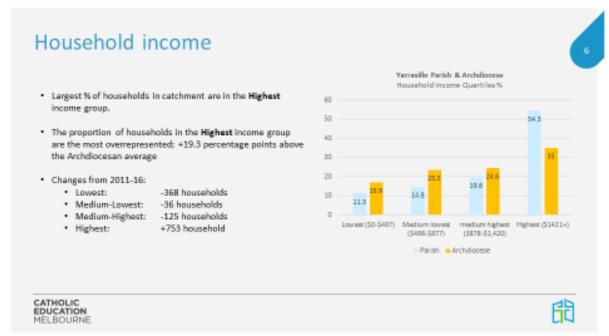
## **Appendix A**

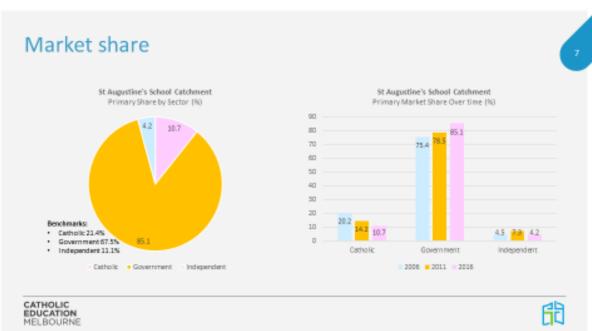


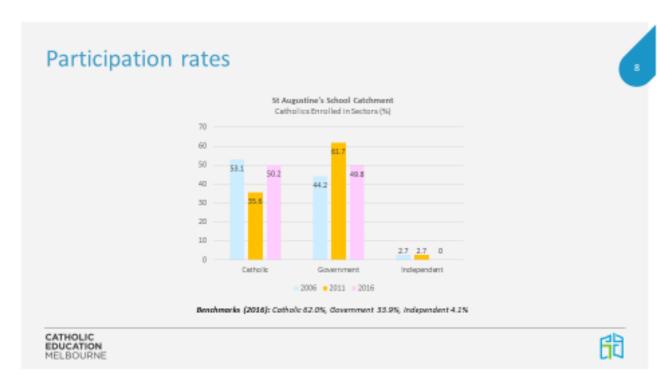
#### **Appendix Appendix A**

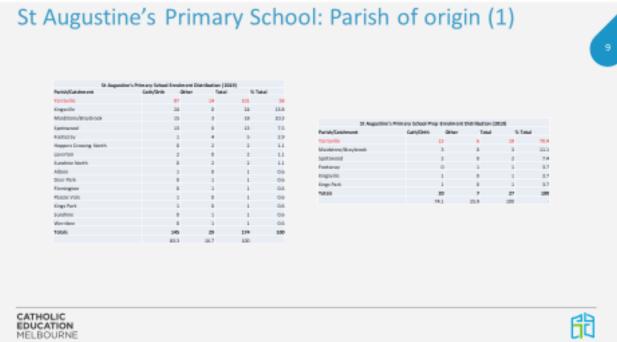
# 



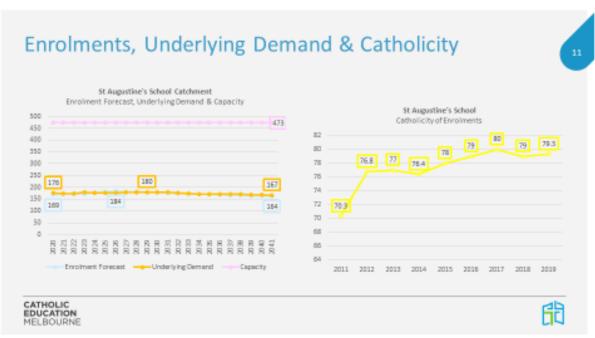












# Wayne's Box™

Ü		
Ü		
Ü		
Ċ		
Č		
Č		
Č		
Č		
Č		
Č		
ĺ		
ĺ		
١		
Š		

Primary Scho	ols		Forecast Range (10 Year)		
Streams	LTE	Learning Areas	Low	High	Notes
ব	100	4	60	110	Composite classes; School probably on EMF
1	175	7	111	195	St Augustine's peak enrolment of 180 students in 2029 before trending dowarnots towards the conclusion of the forecast period. Cathelicity of enrolments > 75%. LTE Band 1 stream and 7 learning space.
1+	250	10	196	290	
2	350	14	281	390	
2+	450	18	391	505	
3	525	21	506	590	Primary Schools will typically have a maximum of 3 streams
4	700	28	591	785	
5	876	35	786	900	
6	1.050	42	981	1,175	

CATHOLIC EDUCATION MELBOURNE



# 

