

All Saints Parish Primary School   
Must Street Portland Victoria 3305  
Ph. 5523…..

He Teaches. We Nurture. Together We Inspire.

All Saints Parish Primary School

School Environmental Management Plan (SEMP)

**Vision:**   
*As co-creators with God, we will promote and demonstrate respect for Earth, respect for people and respect for distribution. As agents of the mission of the Church, Catholic education encourages and empowers school students and their communities to take action towards sustainability for the common good. We will live justly in our World, in relationship with each other and in harmony with God’s creation.*

**Baseline:** Baseline Year - January 2016 to January 2017 **Co2 Emissions TOTAL** 134,637 Kg  
**Electricity Usage TOTAL** 100,182 kWh  
**Water Usage TOTAL** 947 KL  
**Waste TOTAL Landfill** 92 M3; **Recycling** 69 M3  
**Paper Usage TOTAL** 398 reams

**Current Usage** from Feb – June 2017  
**Co2 Emissions** 51,804 Kg  
**Electricity Usage** 86,863 kWh  
**Water Usage** 155 KL  
**Waste TOTAL Landfill** 40 M3; **Recycling** N/A  
**Paper Usage** 288 reams

**Goals and Targets:**   
Reduce Water usage by 10%

Reduce Energy usage by 10%

Investigate ways, we can improve our Biodiversity Score by 20%

Investigate ways we can reduce our Waste Score by 10%

**WATER**

**Infrastructure**

* Audit water usage through bills from Wannon Water
* Install a SWEP data tracker to gain more detailed information about water usage
* Use bore water to maintain the ovals and gardens around he school
* Plant drought tolerant plants around the school and mulched garden beds

**AIMS:**

* Upgrade bubble taps to ensure there aren’t any leaking
* Install water tanks which will be used in the student toilet facilities to flush toilets and wash their hands.
* Install low flow taps in the student toilets to help save water use.
* Connect rain water to the staff room dishwasher and bathroom facilities.
* Increase the signage around the school which promotes saving water.
* Include students in creating water saving and promotional strategies.
* Use the SWEP data on our website, in our foyer and in our classrooms to promote sustainability and share our journey

**Teaching and Learning**

*Junior Years*

* R.E Units including: ‘I care for God’s World’ in Foundation and ‘Creation’ in Level 1/2
* Inquiry Unit: ‘Helping Our Earth’ in Level 1/2
* Science Unit: ‘Living things have basic needs, including food and water’ in Foundation and ‘Earth’s resources, including water, are used in a variety of ways’ in Level 1/2

*Middle Years*

* Explore Water use and water conservation in our Biological Sciences Unit
* Learning to Learn – establishing norms
* R.E Units including ‘Creation’ and ‘Christian Life’

*Senior Years*

* R.E Unit including ‘Respecting the Earth’
* Science Unit: ‘Seasonal Changes in the Environment’

**AIMS:**

* Include sustainability in our Persuasive Writing Topics.
* Use the SWEP water data in the classroom.
* The School Advisory Council will apply for ALCOA funding to purchase water tanks.

**Student Leadership Opportunities**

* SWEP Access to show students data and to link to their learning
* Tap monitors/ Leak Monitors.

**Community**

* Leak Week Event, 25th November to 1st of December: An opportunity to get the school community and families involved in the conservation of water at school and at home.
* Facebook, School webpage, Newsletter: Our platforms to share with the wider community. Information to include examples of student learning, SWEP data and information about key events.

**Key Dates**

* Leak Week Event: 25th November to 1st of December.

**ENERGY**

**Infrastructure**

* Some sensor lights in Pods.
* Energy saving light globes in Main Building.
* Some signage around the school – the Library.

**AIMS:**

* Complete the Energy Audit, which includes checking light bulb types across the school.
* Investigate the installation of more laser lights in the ceilings of the buildings.
* Utilise tradespeople to install sensor lights in the classrooms and other areas such as staff offices and the staff room.
* Update the staffroom appliances to ensure they are better energy rated.
* Increase signage around the school which promotes turning lights, heaters and smart TVs off in the classrooms when not one is going to be in the room but also when they aren’t really needed.

**Teaching and Learning**

*Junior Years*

* ‘On the Move’ Unit in Foundation
* ‘Push and Pull’ Unit in Year 1/2

*Middle Years*

* Science Unit: ‘Earth and Space Sciences’
* Learning to Learn – establishing norms
* Persuasive Writing Topics
* R.E Units: ‘Christian Life’

*Senior Years*

* Science: Electricity Focus
* Inquiry: Environmental Unit.

**AIMS:**

* Use light monitors and iPad monitors to ensure we aren’t wasting energy.
* List all the things we need energy for in the classroom, as a classroom activity for all levels.

**Student Leadership Opportunities**

* Light Monitors.
* iPad monitors.
* Temperature Monitors to check and maintain the heating and cooling temperatures in classrooms.

**Community**

* Facebook, School Webpage, Newsletter: Our platforms to share with the wider community. Information to include examples of student learning, ResourceSmart Schools data and information about key events.

**Key Dates**

* Earth Hour, March 25th.
* Lights off day, no technology use for teaching in the classroom.

**BIODIVERSITY**

**Infrastructure**

* Mulch garden beds.
* Some native and Indigenous plants.
* Native animals at school including: koalas, birds, rabbits, snakes.
* A natural playground/ sensory garden.
* Some bird attracting trees and plants.
* We a vegetable garden which is used by the ‘Garden Club’.
* Have one successful day where the ‘Garden Club’ made and sold soup.
* Reduce the amount of litter in the playground because children are eating their snack and lunch inside the classroom or in the undercover area.

**AIMS:**

* Use our food scraps as compost for the vegetable garden.
* Plant more native trees which will encourage native birds and animals to inhabit our school grounds.
* Rotate the wheelie bins regularly so that there are more in the undercover area to reduce overflow.
* Investigate how we can utilise the Sink Hole and surrounding area to improve our Biodiversity score
* Investigate how to enhance habitat needed for frogs, including rocks, logs and plants.
* Have more whole school events such as litter free days.

**Teaching and Learning**

*Junior Years*

* Inquiry Unit: ‘Exploring Eco-Systems’ Year 1/2
* Wetland Planting Year 1/2
* Inquiry Unit: Growing plants, living things, caring for animals in Foundation
* Passion Units: Looking at animal habitats in Year 1/2

*Middle Years*

* ‘Biological Sciences’
* ‘Sustainability and Our Environment’
* Learning to Learn – establishing norms
* Persuasive Writing Topics
* R.E Unit: ‘Christian Life’

*Senior Years*

* Breaking down of organisms become decomposed
* Inquiry based ‘Environmental Unit’

**AIMS:**

* Use our classroom learning to inform the way that we can improve our school Biodiversity score.
* Increase student involvement in Biodiversity activities such as tree planting day and the use of the vegetable garden.

**Student Leadership Opportunities:**

* Have chickens at school to care for.
* Develop a working compost
* Growing vegetables
* Selling the chicken eggs and vegetables that we grow so that we can get more equipment and grow more produce.

**Community**

* Friday 28th of July Planet Ark’s School’s Tree Day
* Garden Club volunteers.
* Tree Planting Days, utilising local groups such as Rotary.
* Facebook, School Webpage, Newsletter: Our platforms to share with the wider community. Information to include examples of student learning, Resource Smart Schools data and information about key events.

**Key Dates**

* Friday 28th of July Planet Ark’s School’s Tree Day

**WASTE**

**Infrastructure**

* Recycling bins in most classrooms.
* No food in the playground to reduce the amount of litter going outside the classrooms.
* Bins available to children and staff for normal waste.
* Some classes using scrap paper for rough drafting and note taking.
* Students bring their own reusable drink bottles.
* Senior students empty classroom recycling bins

**AIMS:**

* Audit the amount of waste we are producing and the types of waste we are producing.
* Ensure that all rooms have access to recycling bins.
* Ensure Pods and the staff room have a compost bin for food scraps.
* Acquire a turnable composting bin for the vege garden.
* Reduce the amount of non-recyclable waste coming from the canteen.
* Limit or ban Styrofoam.
* Develop a structure to rotate the bins in the yard more often.
* Rubbish free lunch days – Nude Food Days once a term.
* Shred some of the waste paper to use in the compost bins and as mulch in the vegetable garden.
* Include recommendations to purchase nude food friendly lunch boxes and drink bottles in the book list.

**Teaching and Learning**

*Junior Years*

* R.E Units: ‘I Care for God’s World’ in Foundation and ‘Creation’ in Year 1/2
* The 3 R’s: Reduce, Reuse and Recycle.
* Investigations: Recycling/ junk art and modelling in Foundation.
* Science Units: Materials – reuse to produce a new product, working with different materials.

*Middle Years*

* Sustainability and Our Environment
* Recycling in Art
* Learning to Learn – establishing norms
* Persuasive Writing Topics
* R.E Unit:

*Senior Years*

* R.E Creation Unit: ‘Respecting the Earth’
* Inquiry Topic: ‘Environmental Learning’ Year Five.

**AIMS:**

* Integrate the use of packaging and the impact on the environment in ‘healthy eating’ Health units when discussing packaged and nude food choices.
* Ensure waste norms are uniform and established at the beginning of the year – including proper use of recycling bins and compost bins.

**Student Leadership Opportunities:**

* Monitors and responsibility jobs to look after bins in communal areas.
* Compost collectors and paper shredders.

**Community**

* Facebook, School Webpage, Newsletter: Our platforms to share with the wider community. Information to include examples of student learning, Resource Smart Schools data and information about key events.

**Key Dates**

* Schools Clean up day 2nd March 2018 (as a part of Clean Up Australia Day)
* Ocean Life Education – ‘Choose to Refuse Plastic in July’ a date to be confirmed.
* Nutrition Australia Nude Food Day – During Nutrition Week 16th to 22nd of October.