



**School Environment Management Plan
Casino West Public School
2021 - 2024**

**Developed by CWPS students, teachers and
associated community members.**

Casino West Public School Environment Management Plan

Aims

Our school SEMP is participative, holistic and sustainable.

The people in our school and community are committed to the development of a better environment for every person as well as all living things.

Through ongoing programs that develop cleaner and more sustainable ways of doing everyday activities we hope to make our space on this Earth a more pleasant place to live, work and play.

Students, staff, parents and the broader community will work together to make Casino West Public School an environmentally friendly place by considering the curriculum we teach, the waste we produce, the energy and water we use, the products we purchase, and the management of our school grounds.

For today and tomorrow.

Rationale

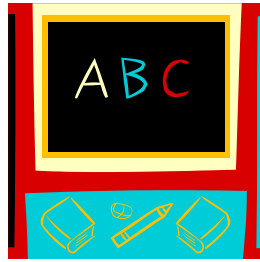
Through the development of a SEMP Students will -

- develop a greater understanding of the impact of people on the environment;
- gain a greater appreciation and understanding of the principles of sustainable development;
- use their knowledge of environmental management practices to apply strategies within the school environment and local community;
- be able to identify the areas of the school environment that they can manage more effectively;
- design and implement ways of monitoring, evaluating, reviewing and reporting the SEMP;
- try to encourage all of the school community to improve their environmental performance and gain an understanding of their place in the whole community;
- make a lifetime commitment to environmental management practices at both the individual and community level.

It encompasses 3 areas:

- 1. Curriculum**
- 2. Management of Resources**
- 3. Management of School Grounds**

Management of Curriculum



Environmental concepts and activities will be included in units of work so they are "seamless" and "embedded" in the teaching program and are part of the syllabus outcomes. Where appropriate, lessons will involve students in "actions for the environment" so students will live in and help manage an environmentally friendly school.

According to an audit conducted 4/8/21, CWPS teaches Environmental Education Outcomes across all years and KLAs. The majority of Environmental Education is incidentally taught as part of other topics, therefore holistically. The main improvement teachers of CWPS Public School can plan to make with regards to teaching Environmental Education would be to consciously emphasise *Climate Change and Sustainability* when teaching.

Environmental Events:

Students at our school participate in the following special environmental events

- Clean Up Australia Day
- Earth Hour
- World Environment Day
- National Tree Day

Management of Resources – Energy, Water, Waste



Energy

On the 4/8/21 Casino West Public School's Green Team audited the school's Electrical Appliances and examined the Energy Usage in the past year via Electricity Bills.

On 4/8/21 the CWPS Green Team developed a list of strategies for improving the management of energy usage around our school based on the energy audit data collected.

Water

On the 4/8/21 Casino West Public School's Green Team audited the school's water outlets/taps and examined the Water Usage in the past year via Water Bills.

On 4/8/21 the CWPS Green Team developed a list of strategies for improving the management of water usage around our school based on the water audit data collected.

Waste

On the 4/8/21 Casino West Public School's Green Team conducted a waste audit examining what goes in our bins in one day and calculating this out over a year. The CWPS Green Team also discussed what percentage could be recycled, reused, reduced etc.

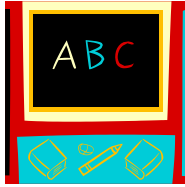
On 4/8/21 the CWPS Green Team developed a list of strategies for reducing the amount of landfill waste we as a whole school create and for increasing the opportunities for the school community to recycle/reduce their waste.

Management of school grounds



On the 4/8/21 Casino West Public School's Green Team conducted an audit examining the biodiversity present in the school grounds.

On 4/8/21 the CWPS Green Team developed a list of strategies to improve the school grounds in ways that would increase the biodiversity of the school grounds




Curriculum Action Plan

Focus area	Audit date	Issues identified from the audit	Management strategies identified	Action plan to be completed by...
<p><i>Curriculum</i></p> <p>environmental outcomes within KLAS</p>	<p>4/8/21</p>	<p>Environmental Education is being taught across some KLAS incidentally. Teachers have increased their emphasis on teaching sustainability.</p> <p>SEMP building and environmental workshop with yrs K-6</p>	<p>The audit, conducted 4/8/21, confirms CWPS teaches Environmental Education Outcomes across all years and KLAS. The majority of Environmental Education is incidentally taught as part of other topics, therefore holistically. The only improvement teachers of Casino West Public School would be to consciously emphasise Climate Change and continue further education with Sustainability.</p>	<p>Ongoing</p> <p>4/8/21</p>


<p>Special events CWPS students involved in.</p>		<p>CWPS doesn't celebrate these days:</p> <ul style="list-style-type: none"> -Earth Hour (end of March) -World Environment Day (5/5) -National Tree Day (Spring) 	<p>These special days should be recognised in order to raise environmental awareness across school community. From 2021 onwards CWPS will consult with DEEC in order to do something to mark these occasions with the whole school.</p> <p>Continue to celebrate Clean up Australia Day (Jan).</p>	<p>Ongoing annually</p>
<p>Solar panels are currently not incorporated into curriculum</p>		<p>CWPS staff are not currently incorporating the solar panels into the curriculum</p>	<p>Staff to begin this practice (Sunny Portal).</p>	
<p>Environmental Events</p>		<p>CWPS staff to investigate the possibility of hosting environmental days; No-waste lunch day etc</p>	<p>Term 4, 2021</p>	
<p>Green Day with DEEC</p>		<p>K-6H and S3 have engaged DEEC for a day of environmental activities.</p>	<p>Continue this activity day annually</p>	<p>Term 3, annually</p>

Resource Action Plan (Energy, water, waste)


Focus area	Audit date	Issues identified from the audit	Management strategies identified	Action to be completed by...	Ticked off
 <p>ENERGY</p>	4/8/21	<p>More effort required from staff and students to reduce energy use across school.</p>	<p>Signage around school. Incentive endorsed by Principal. Celebrate reductions with school community by having a SEMP launch party and/or with articles in school newsletter.</p> <p>Place extra hints in the newsletter to help the community reduce energy use:</p> <ul style="list-style-type: none"> • Turn off appliances if not in use • Walk when you can leave the car at home 	<p>Signs completed and in place by T1, 2022</p> <p>Celebrate achievements</p> <p>Every term</p>	
		<p>Lights were left on in room where there were no occupants.</p>	<p>CWPS Green Team to address assembly and create/install signage reminding students and teachers to:</p> <ul style="list-style-type: none"> - turn off lights and fans. 	<p>Signs completed and in place by T1, 2022</p>	
		<p>Computers left on standby</p>	<p>CWPS Green Team to encourage all teachers to appoint a computer monitor for each week</p>	<p>T2, 2022</p>	


		Refrigerators are left on during the holiday.	CWPS Green Team to remind the CWPS staff to turn off hot water system and fridge in hols.	T4, 2021 - ongoing	
		Lights are on in classrooms when we could use the sunlight instead	CWPS Green team to encourage staff to avoid use of lights when sunlight could be sufficient in a classroom		
		Heating and cooling of the school is a main energy usage	<p>Winter: the CWPS Green Team address assembly to remind students to dress appropriately in winter and to set temperatures on heaters to just comfortable i.e.18-20C winter.</p> <p>Summer: the CWPS Green Team is to address the assembly/ year meetings to remind students to be mindful of air conditioner energy use.</p>	<p>June annually</p> <p>October annually</p>	

		The School has a renewable energy source - solar panels.	CWPS will continue to use solar panels as an energy source and begin using as a teaching tool (Sunny Portal)	Ongoing Term 1 2022 investigating using panels as a teaching tool K-6	


Focus area	Audit date	Issues identified from the audit	Management strategies identified	Action to be completed by...	Ticked off
 WATER	4/8/21	<p>More effort required from staff and students to implement strategies to reduce water use across school.</p>	<p>DEEC conducted water activity and audit with students. Signage around school. Celebrate reductions with school community with articles in School Newsletter.</p>	<p>11/12/24</p> <p>Signs completed and in place by T1, 2022</p> <p>Celebrate achievements.</p>	
		<p>Water wastage is occurring in the form of taps having too much water flow</p>	<p>CWPS Green Team to create and install signage reminding students and teachers to:</p> <ul style="list-style-type: none"> - Save water. - Turn taps off. - Use single flush on toilets. - Report leaks to staff. - Flow regulators <p>Audit 4/8/21 discovered no leaking taps and all toilets have a double flush</p>	<p>Signs completed and in place by T1, 2022</p>	
		<p>CWPS has installed 3 water tanks</p>	<p>CWPS has 3 water tanks that are connected to hoses that water the gardens and lawns. This will continue.</p>	<p>Ongoing</p>	

		All gardens have been mulched.	CWPS produces its own mulch and is used to decrease water evaporation in gardens.	Continue this practice: ongoing	

Focus area	Audit date	Issues identified from the audit	Management strategies identified	Action to be completed by...	Ticked off
WASTE 	4/8/21	<p>General lack of awareness of environmental issues and strategies to reduce resource use across school.</p>	<p>Waste audit was conducted by CWPS and DEEC to discover what we put in our bins.</p> <p>Address school assembly regarding recycling opportunities available.</p> <p>Celebrate reductions with school community with articles in School Newsletter.</p>	T3 2021	
		<p>Yellow bins were not out next to red bins</p>	<p>Put yellow bins out next to red bins so that students will recycle</p>		
		<p>CWPS sends 13 red bins a week of non-recyclable waste to landfill. Students need increased awareness of packaging that can't be recycled that they bring from home for lunch and recess</p>	<p>The Green team will discuss packaging at assembly and encourage students to bring no waste lunches. Maybe host a no-waste lunch and give out awards.</p> <p>Contact the Council and get stickers to put on the bins so people know what can go in each</p>	<p>T4, 2021</p> <p>T4, 2021</p>	

			bin		
		CWPS recycles their paper/cardboard/cans/bottles	Continue to recycle paper/cardboard/cans/bottles	Ongoing	
		CWPS sends 3 green bins a fortnight of organic waste to landfill. Organic recycling opportunities at fruit break need to be maintained and expanded to incorporate recess and lunch.	<p>CWPS collects organic waste to place in compost bins. This is a great environmental aspect of the school and should be continued and promoted.</p> 	Ongoing	

School Grounds Action Plan

Focus area	Audit date	Issues identified from the audit	Management strategies identified	Action to be completed by...	Ticked off
<p>BIO-DIVERSITY</p> 		<p>General lack of awareness of environmental issues and strategies to improve biodiversity in school grounds.</p>	<p>Celebrate the biodiversity encouraging improvements in the school newsletter.</p>	<p>Celebrate achievements as they arise.</p>	
		<p>There is room for more native plants, especially Honeyeater habitat trees in the school.</p>	<p>CWPS Green Team to plant more native trees in Spring to celebrate National tree day. DEEC will be asked to assist.</p>	<p>T3 2021</p>	

		<p>More rocks need to be provided in the small gardens for lizards etc to make their habitat</p>	<p>The CWPS Green Team will investigate ways of improving reptile habitat on both the inside gardens and the front garden.</p>		
		<p>There is an unused pond in the garden.</p>	<p>The CWPS Green Team will clean out and continue to maintain the pond for birds to drink from. It may need wire mesh over it for child safety.</p>		
		<p>There is only one nest in the primary school small gardens.</p>	<p>The Green Team will investigate the possibility constructing and installing bird boxes to encourage local birds to the school yard.</p>		
		<p>CWPS has an established vegetable garden, planted some fruit trees, planted natives and has a scarecrow.</p>	<p>CWPS Green team will spend time every day to re-invigorate/weed/plant the vegie plot. The vegies grown are to be offered to classes interested in cooking with them - garden to plate.</p>	Ongoing	

			<p>Students can use the garden for fruit/vege break.</p> <p>Spare vegetables will be sold to staff to reinvest the money back into buying more vegetables.</p> <p>Lettuce will be added to the vegetable garden and supplied to the canteen to use.</p>		
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Casino West Public School Green Team 2021

Students	Teachers/Parents Community Dorroughby Environmental Education Centre Cindy Picton
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