**School Environmental Management Plan**

**Guiding Glen Huntly Primary Schooltowards a Sustainable Future**

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| **TARGETS and BENCHMARKS** |
| **WASTE****Year 2016****Target to aspire to :****Usage/bills audit needs to be updated****Aim to keep waste to landfill per building occupant to below:****0.3 m3/ year**  | **Water****Year 2016****Target to aspire to:****Usage/bills audit needs to be updated****Aim to keep use of mains water per building occupant to below:****4 KL/ year**  | **Energy****Year 2016** **Target to aspire to:****Usage/bills audit needs to be updated****Aim to keep energy use and CO2 emissions per building occupant to below:** **250 KWh/ year** **400 kg CO2** | **Biodiversity****Year 2016****Target:****Local/community projects****and****Reduction in weeds** |
| **Resource****Area** | **OPERATIONS** | **CURRICULUM** | **COMMUNITY** |
| **WATER** | * + All students participating in weekly gardening sessions in the school
	+ Rain Water Garden with filtration and water tank attached to catch water from the roof (senior side)
	+ Attached buckets under drink taps
	+ Watering Monitors
	+ Watering parent roster during the holidays (with chook care)
	+ Indigenous Gardens with native plants (Senior Side)
	+ Water filtration system added to side of indigenous garden (East site) from funding from South East Water
	+ Bush Tucker Garden with edible indigenous plants (West site)
	+ Water pressure reduced
	+ Water tanks flushing the toilets on both sides
	+ ½ flush toilets
	+ Leaks fixed when notified
	+ SWEP
	+ Water saving signs around school
	+ $1000 put aside for sensor taps for the West site from the Green Evening Event

To Do:* + Update SETS – Water bills audit – Green club
	+ More Water Saving Signs around School
	+ Timed/sensor taps around the school

To Do: Watering Roster with selected students from each side to empty small buckets under taps to bigger buckets for watering | * Weekly Gardening Classes – activities including watering, mulching, planting native trees (drought tolerant)
* Water wise education
* Water Wise Warriors Junior School – water wise practices (P-2)
* Water Units in the Senior School (3-6) – Focus on Water Pollution in the Great Barrier Reef and Port Phillip Bay
* Sustainability Classes for the Years 4/5 about effect of plastic pollution on animals (documentaries), hydroelectricity
* Green Evening Event – showcasing water knowledge to the community
* Encourage students to use re-usable water bottles
* Access to SWEP (School Water Efficiency Program)
* Excursions to CERES (Merri Creek) and the lake, insect searching
* National Water Competition Participation – 1st, 2nd and 3rd Winners
* Mural Water “Water is Life” by a student

To Do:* Reinforce SWEP usage in the classrooms
* Professional Learning for all staff 2016
* Excursion to local waterways to see effect of storm water runoff
 | * Green Evening Event- Water
* Buildings and Grounds Term Community Meetings
* Term Working Bees – Community Events
* Community support for compulsory gardening and cooking classes
* Students and community involved in planning/designing gardens, garden maintenance, parent talks about professions in water (plumbers, botanists)
* Close links to school plumbers “Water Works” ex-student/parent from the school
* Watering parent roster in the holidays (with chook care)

To Do:Parent Green Club |
| **WASTE** | * Recycling Bins in classrooms, staffrooms, photocopy rooms, office area
* Interpretive signage re what to place in bins
* Labelled Paper Bins
* Recycled Yellow Lidded Bins
* Labelled landfill bins
* Labelled Scrap Paper Tub (re-use paper in rooms)
* Green Bins for both sides for gardening, maintenance work and working bees
* Re-using/recycling in art activities and in classrooms
* Yard duty Pick Up Rosters organised (both sites) including the English Language School
* Yard duty Pick Up Roster Displayed around the school
* Involvement in Clean Up Australia initiatives
* Electronic Staff meeting Agendas
* Staff email and digital communication instead of paper
* Use of the DET Guidelines to help support reduction targets (information handed out to all staff)
* Professional learning for staff on waste, litter and associated themes\*
* Maintenance regimes implemented eg: emptying recycling bins in classrooms, kitchens and offices
* Computer collected data
* Furniture, decorations and other materials re-used in school or donated to the community
* Book swap Initiatives

Tried:* Chickens consuming organic waste (Food Scraps)
* Golden Lunchbox
* Rubbish Free Wednesday Lunch
* Plastic Tubs outside to collect lunchboxes, clothes

To Do:* Waste assessment undertaken – SETS baseline data (Parent Green Club)
* \*A whole staff Professional Learning 2016 session – including revising maintenance regimes with waste
* Rubbish Free Lunch Days
* Composting
* Green purchasing - to be added school environmental policy
* Re-introduce Golden Lunchbox
 | * Rubbish Free Lunch in Policy (one day per week)
* Environmental Education –

Warriors Junior School – waste wise practices (P-2).Sustainability Program (4-5) – waste wise practices.* Classroom units of work
* Excursions – recycling plants
* Winning waste reduction related grants

To Do:* Green purchasing - to be added school environmental policy
* A whole staff professional learning 2016 – including revising maintenance regimes with waste and determining their ecological footprints\*
* Waste Audit with students
 | * Community Recycled Art Mural on show at the Carnegie Library
* Community Banner Art in Party in the Parks
* Parent Education Flyers for Presentations through Glen Eira Council
* Ink recycling at Glen Eira Secondary College

To Do: * Reinforce the importance of labelling lunchboxes
* Parent Green Club –

-To audit the schools administration supplies-Waste assessment undertaken – - SETS baseline data * Signage for bins outside
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| **ENERGY** | * Solar Panels
* Fluoro Tube Audit – removal of some fluoro tubes
	+ Energy monitor systems in

 classrooms to turn off lights and air-  conditioners* + Heaters turned off every afternoon
	+ Power points turned off after school

 and during holidays* + Electrical appliances labelled
	+ Students eating lunches with the lights turned off

To Do:Solar Panel contribution assessmentEnergy Efficient Appliances in staffroomEnergy AuditSensor LightingClassroom wall thermometers for each classroom to monitor need to turn heaters on | * Waste Warriors Junior School – energy efficient practices (P-2)
* Energy Inquiry Units in classrooms
* Hydroelectricity focus in Sustainability Classes (4-5) – entry into National Poster Competition.
* Green Evening Event –

.CSIRO Scientist in Schools Partnership.Dr Fiona Scholes solar cell research* Excursions – relating to Energy, eg: CERES Energy Efficiency House

To Do:Options of joining SEEP (School energy Efficiency Plan) | * + Presentations by parent about Renewable Energy to the school community through the Green Evening
	+ Visit by General Electrics
	+ Newsletter – ideas and activities put in newsletter
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| **BIODIVERSITY** | * All students participating in weekly gardening sessions in the school with planting sessions and weed reduction
* Indigenous Garden and Wildlife Passage Garden with native plants (East site)
* Indigenous Edible Garden (East site)
* Bush Tucker Garden with edible indigenous plants (West site)
* Different garden areas (eg: themed gardens – water wise, sensory, wildlife passages, indigenous, bush-food, cherry plantation, avenue of trees, fruit trees)
* Fruit tree planting through the Stephanie Alexander Kitchen Garden program
* Fencing to protect existing vegetation
* Chooks

To Do:Biodiversity AuditSignage in gardens – Current sign being ordered for the Indigenous Garden, SE Water Sign needs to be attached | * Excursions – relating to Biodiversity, e.g. Melbourne Zoo, Royal Botanic Gardens, CERES, Melbourne Museum, Yarra River, Merri Creek
* Incursions – Animal Wildlife
* Students involved in ongoing grounds planning
* School grounds have an outdoor learning space
* Staff professional learning on Biodiversity, including links to whole Scope and Sequence of Inquiry topics, curriculum planning of learning activities to implement, to raise awareness of students and staff
* Biodiversity audit with students
 | * Flora Planting
* Continued applications for environmental grants
* Regular reporting in newsletters
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