**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 |
| **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 assessment  Energy Efficient Appliances in staffroom  Energy Audit  Sensor Lighting  Classroom 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 |
| **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 Audit  Signage 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 |