

# *Sustainability at Cranbourne East Primary School*

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What an exciting year we've had at Cranbourne East Primary School! Many achievements are evident and programs begun.

We launched our Recycling Program in September 2014 with the Year 1 and 2 students being the first to put the program into action. Thanks to Casey City Council for fantastic support, supply and emptying of new recycling bins. Year 1 and 2 students thoroughly enjoyed an educational visit from Fleur Pilkington, from Casey City, speaking about which items can be included in our recycling bins and which items need to be put in other bins and are conscientiously sorting their learning space rubbish into the correct bin. Recycling procedures were integrated into writing sessions where students wrote explanations of how to recycle paper and aluminium cans. Year 1 and 2 thoroughly investigated how waste not put in bins can affect animals and birds with special focus on waterways and sea animals, as we have begun with the Adopt a Dolphin Program. Artwork was entered into the City of Casey Recycling Calendar Competition as part of National Recycling Week.

Year 5 students completed an Inquiry Learning unit on energy, focusing on and comparing renewable and non-renewable sources. They investigated how wind powered vehicles work using models and wind power use facts.

Year 6 students learnt about the energy efficient features of our school such as how our energy efficient building design reduces our energy use and how our wetlands recycle our water used for toilets and watering.

Year 4 students celebrated their WOW day with many environmental activities to kick off their sustainability and environment Inquiry Learning topic. They investigated recycling and biodiversity by looking at endangered species and waste by calculating their environmental footprint. The students were astounded to see how the correlation between the number of people living in a house affects the size of their environmental footprint. 'Window' by Jeannie Baker was a wonderful story, used by Year 4 students to highlight and discuss our possible environmental effects of progress.

Please visit our blog at <https://www.edumail.vic.gov.au/owa/redir.aspx?C=6vFSyPurJkW3KLL5zXO3sjyBqz4V7dE18Kleic-tU7j8QBENRHIJL1SaeFdQfMk9uuEEF5aOVxM.&URL=http%3a%2f%2fyear4ceps.global2.vic.edu.au%2f2014%2f10%2f16%2fwow-day-footprint-calculator%2f> to read about our learning.

The biodiversity walk around the school grounds was a highlight for many groups of students, taking photos of many natural materials and plants. They then discussed possible wild life action, tweeted questions and observations and were delighted to get answers tweeted to them.

As part of our Science Program all students were involved in Anti-littering lessons making an Anti-littering posters to remind students and the community about how important it is for rubbish to be put and kept in bins. We also observed and studied the lifecycle and habitats of mealworms, other bugs and birds in our school grounds to give us a focus for our waste reduction priorities. Year 3 and 4 students experimented with the impact that volcano eruptions have on habitats while Year 5 and 6 students explored electrical energy and its uses.



**Year4CEPS** @Year4CEPS · Mar 7  
It's great to be back in the garden. Look at what we found!



**SustainabilityCEPS** @GoingGreenCEPS · Apr 2  
Today we had our first house meeting with our Sustainability Heroes. Our Year 1/2s in Lyall will be saving water



**SustainabilityCEPS** @GoingGreenCEPS · May 29  
Our lunchtime Art Club is busily preparing something special for our vegetable garden. Thank you Mrs Lloyd!



**SustainabilityCEPS** @GoingGreenCEPS · Jun 17  
Look at what we found in the garden today!



**SustainabilityCEPS** @GoingGreenCEPS · Aug 26  
Today we harvested LOTS of celery!



**Year4CEPS** @Year4CEPS · Sep 12  
[@TV3rdGrade](#) We also have mealworms! Some of ours have shed their skin and turned into beetles.



**Year4CEPS** @Year4CEPS · Oct 16  
I am using the Actroid website to find out the name of our new friend. Is it the Southern Common Frog? :)



**Year4CEPS** @Year4CEPS · Oct 16  
Today we did a Biodiversity audit of our school yard using our iPads.  
[@CERESeducation](#)

