

Millner Primary School Solar Outdoor Learning Facility Going solar is super

An old basketball court at Millner Primary School has been transformed into a power generating resource that will reduce carbon emissions by at least 50%.

The school council, with help from the Australian Government's Building the Education Revolution program, turned the court into a multi-purpose rubberised outdoor sporting facility covered by a structure housing 360 solar panels. The panels will generate around 100 kilowatts of solar energy per hour and more than 800 kilowatts per day.

This project, known as the Solar Outdoor Learning Facility, required an investment of \$1.5 million. The infrastructure is expected to last 25 years and pay for itself in less than 10 years.



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Nightcliff Primary School New school of thought

In 2009 and 2010 the Nightcliff Primary School community fully embraced the issue of environmental sustainability.

School leadership, students, parents and teachers have achieved results through a multi-faceted project addressing energy use, bio-diversity, waste management and wellbeing in the school community. Achievements include:

- whole school community environmental planning
- reducing energy consumption by 5% in peak usage and 7% in off peak usage
- student teams refreshing the Nightcliff Forest and front garden
- students in Grades 4 and 5 implementing a successful rubbish recycling program
- developing a new set of values incorporating respect, responsibility, honesty, caring and inclusion to underpin the sustainability focus at the school.



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Nightcliff Primary School Year 4/5

What a load of rubbish

When a team of four teachers and their Year 4/5 students began investigating waste, it inspired a whole-school approach to reducing waste.

Nightcliff Primary School students are now more aware of the need to reduce school waste to landfill and to recycle appropriately.

Teachers introduced a three month unit, *A Load of Rubbish*, which was linked to outcomes for literacy, numeracy, the Arts, Science and Social and Cultural Education.

The project continued throughout 2009 and continues in 2010. The benefits have included:

- student planning and discussion about the social and environmental aspect of waste management
- survey of students, parents and teachers about home rubbish
- rubbish bin audit at recess and lunchtime for a week
- visits by Cleanaway to inform students about recycling businesses
- advertising campaign for the school recycling program
- students making their own paper from recycled paper.



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