

Watch Our Watts – S3

A program to support S3 Science

OBSERVATORY HILL
ENVIRONMENTAL EDUCATION CENTRE



'Watch our Watts'

Is an incursion program focusing on the 'Built Environment', 'Physical World' and 'Information' strands of the Science and Technology syllabus. The program investigates school energy use and raises awareness about school energy consumption.

The program aims to:

- ☀️ Promote an understanding of different types of energy use and their effects on climate change
- ☀️ Investigate school energy use
- ☀️ Promote a school energy efficiency plan to foster a culture of sustainability in the school community.

Integrating the 'Sustainability' cross curriculum priority is a feature of the program.

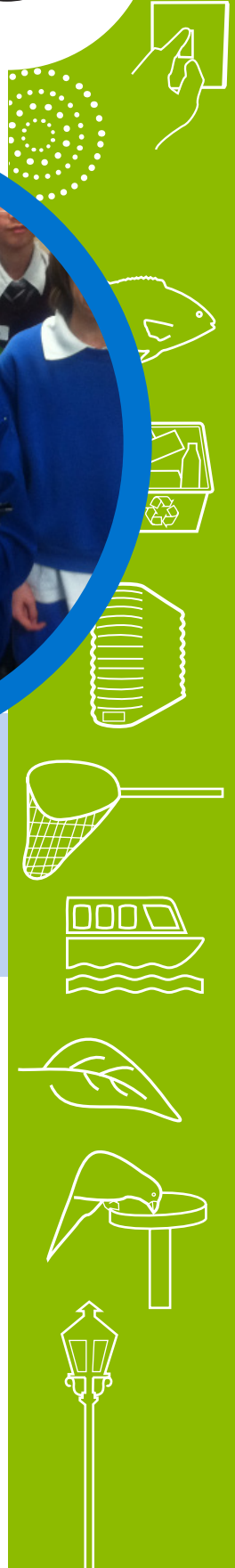


The program has three main components:

1. Introductory activities and web based resources.
2. A full day incursion in your school
3. Follow up activities to enhance 'Sustainability' knowledge, skills, values and attitudes.

During the full day incursion, students will:

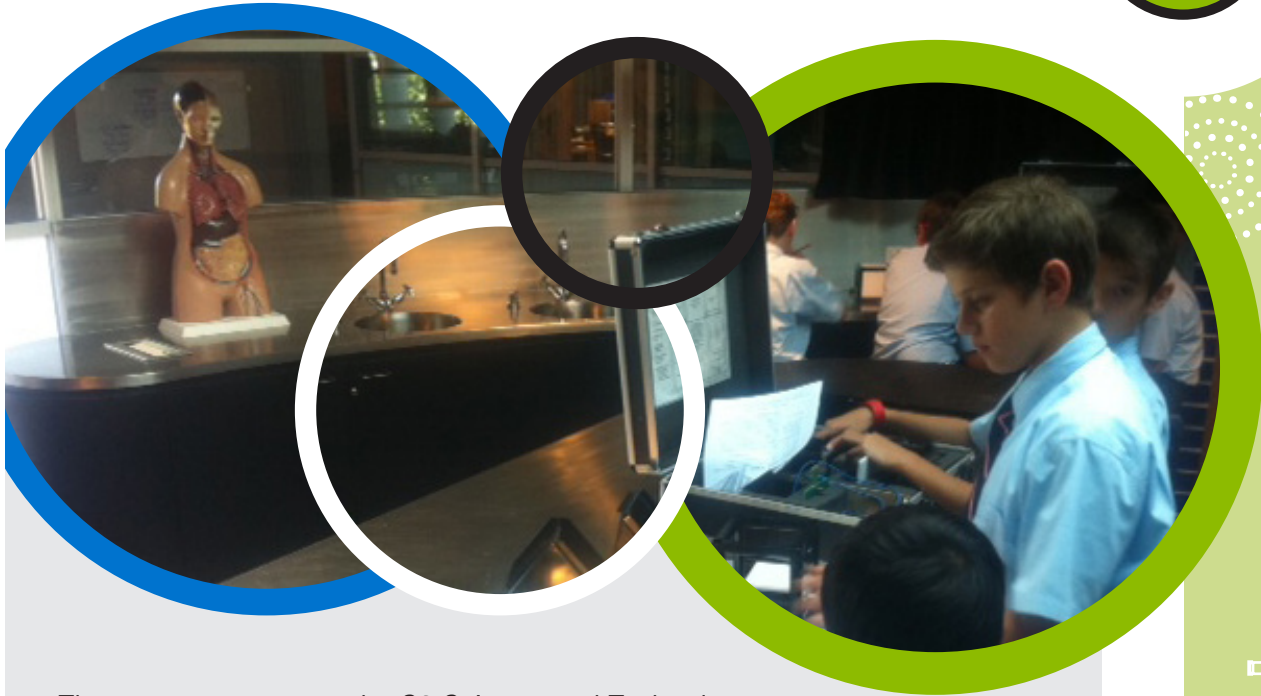
- ☀️ Learn about different types of energy, where they come from and their environmental consequences;
- ☀️ Use an interactive sustainable house display to learn about ways to live more sustainably and to reduce environmental footprints;
- ☀️ Use Webgraphs to examine school energy use and conduct a school lighting audit;
- ☀️ Build a solar car to observe the benefits of solar energy; and
- ☀️ Conduct a science experiment to investigate the effects of different types of insulation.



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The program supports the S3 Science and Technology Syllabus including:

- Working Scientifically
- Working Technologically; and
- The Sustainability Cross Curriculum Priority.

Cost: \$7 per student

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For more information about this program and other environmental education programs, visit the Observatory Hill EEC website at:

<https://observatoryhilleec.schools.nsw.gov.au/primary-programs>

