

Sustainable Living

How we are working together to learn about and promote the sustainable use of resources and develop sustainable practices.

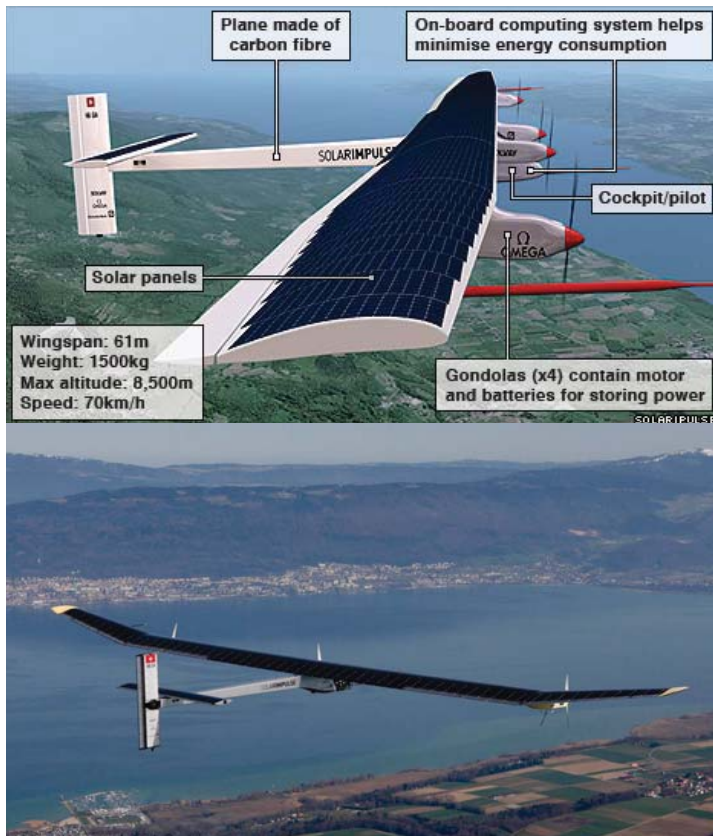


A book by Cherubs Child Care Vaucluse children and the educator's Rachel Doueishi, Dannielle Hlaihel, Christina Vasilevska and Yvonne Somani

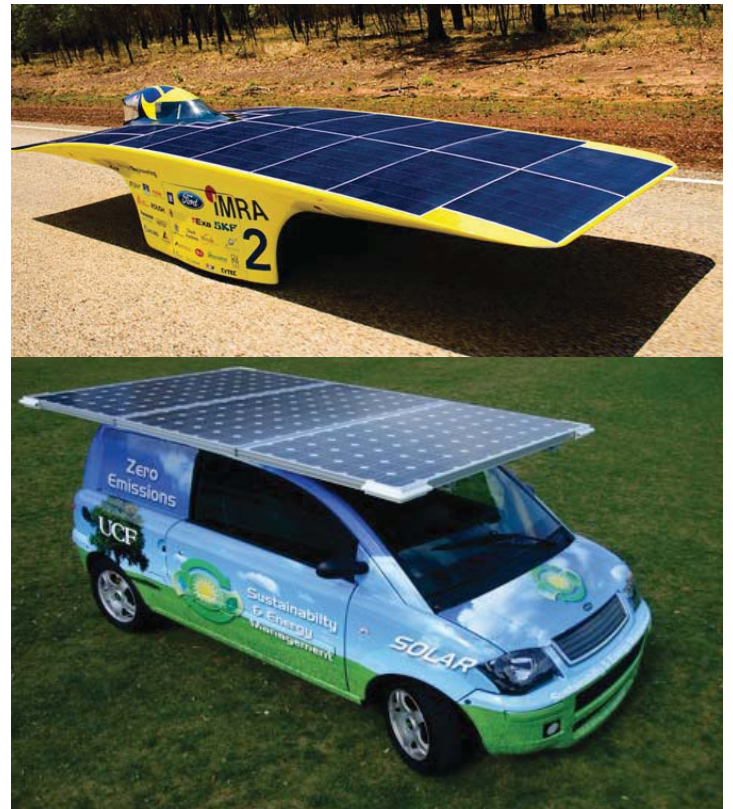
Our story began in May 2013 when we were trying to find interesting ways to involve the children in sustainable practices.

Whilst shopping found a toy plane that had a solar panel to power a motor.

She brought it into the centre and this has created great interest which has led to discovering how we can be more sustainable.



We have learnt scientists have built real solar planes. They can only carry 1 or 2 people. We know in the future the planes will carry many many people.



We have learnt scientists have built real solar cars. In Australia we have a famous solar car race. One day we might all drive solar cars powered by the sun.



We have learnt you can make hot water from the sun. Some of our class mates have a solar (sun) hot water system.

OUTCOME 4: CHILDREN ARE CONFIDENT AND INVOLVED LEARNERS Children transfer and adapt what they have learned from one context to another



In Australia we generate electricity by burning coal.

Coal is dirty and leaves smoke in the air. The smoke in the air is heating our Earth and causing bigger and bigger storms.

OUTCOME 2: CHILDREN ARE CONNECTED WITH AND CONTRIBUTE TO THEIR WORLD Children become socially responsible and show respect for the environment



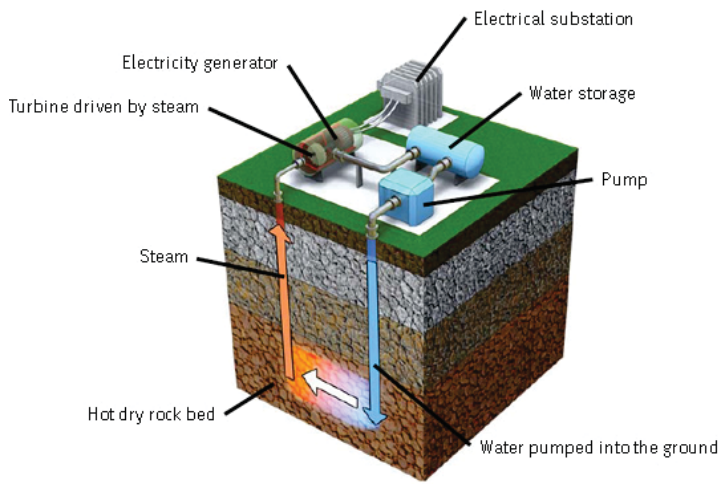
Coal is dug up from the ground and one day we will run out of coal. When we dig it out of the ground it leaves a big hole.

OUTCOME 2: CHILDREN ARE CONNECTED WITH AND CONTRIBUTE TO THEIR WORLD Children become socially responsible and show respect for the environment



In Australia we have a clean hydro or water power plant to make electricity. Our power plant is called the 'Snowy Mountains Electricity Scheme'

It uses melted snow to make electricity. The snow melts and goes down the pipes to turn the generator to make the electricity.



We have learnt scientists have built geo thermal plants that use the Earth's hot core to heat water.

The hot water turns to steam after going deep in the earth. The steam turns the electrical generator.

We can make our own electric generators. We can use many different ways to generate electricity.

OUTCOME 4: CHILDREN ARE CONFIDENT AND INVOLVED LEARNERS Children transfer and adapt what they have learned from one context to another



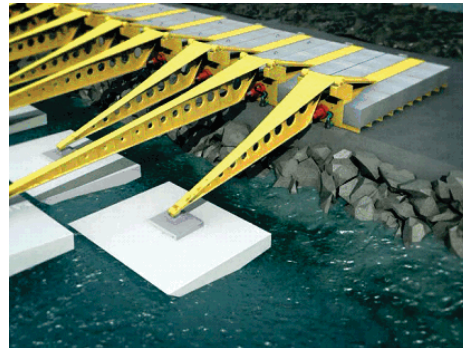
We connected our interest with the planets and Solar system to our sustainable living interest.

We learnt that Solar Power comes from the idea of the Sun been the centre of our Solar System.



We have learnt scientists use waves to make electricity. We like waves and we all go to the beach when it is warm.

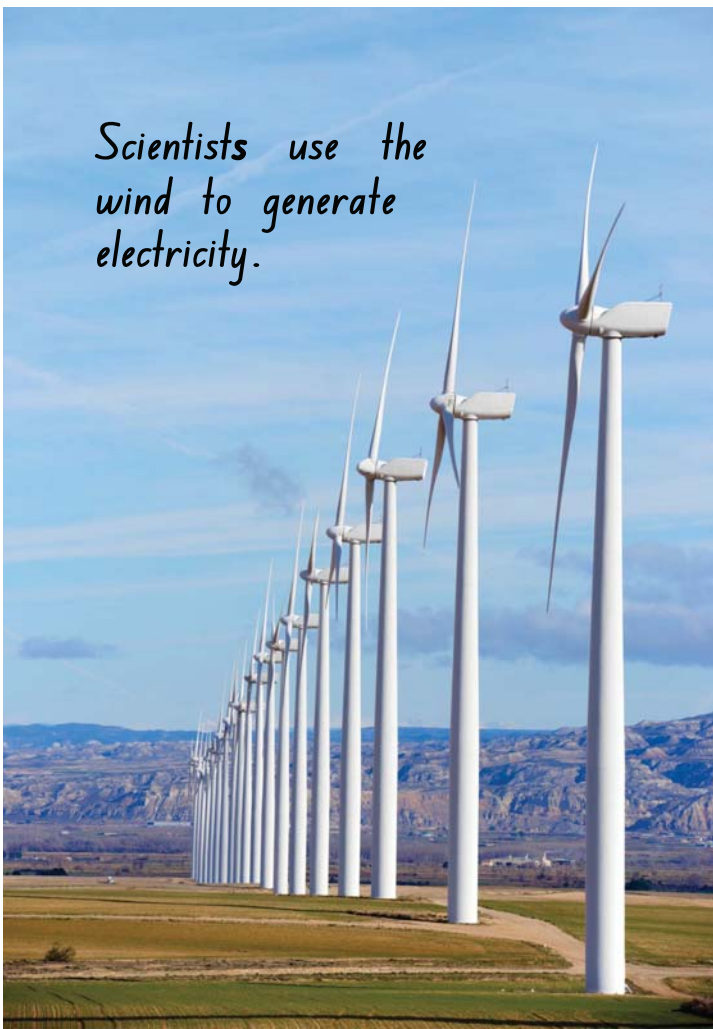
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Scientists use the wave's movement to generate the electricity.



Scientists use the wind to generate electricity.



We have learnt you can get solar panels to put on your roof to make electricity.