

11/13/2008

© [www.roydonng.com](http://www.roydonng.com)



CHRISTIAN  
COMMUNITY  
SCHOOL

## RECYCLING RESEARCH TASK

Year 8 Food Technology | Roydon Ng

© [www.roydonng.com](http://www.roydonng.com)

## Q1. ARNOTT'S' SUSTAINABLE ENVIRONMENTAL COMMITMENTS.



ARNOTT'S COMPANY LOGO

Arnotts' is one of the largest food companies in the Asia Pacific region. Arnotts' is committed to run their business in a way that compliments and protects the value of the environment, determined to reducing emissions released into the water, land and the air, Arnotts also supports the efficient use of resources. Arnotts' works closely with the authorities like Sydney Water. Arnotts' has cut down on its water use to 850,000 litres. Arnotts produces about 360 at its Smithfield plant and in 2004/5 Arnotts reduced water use to 500,000 litres.

Arnotts' also is using methods to minimize energy use. Arnotts' has joined the National Packaging Covenant. Arnotts' is committed to reduce packaging within its products, use more environmentally friendly packages. Arnotts' turns about 1,000 tonnes of biscuit trays made from unrecyclable polystyrene recyclable PET. Arnotts' has used recyclable materials like cardboard for its products like Shapes biscuits and Cheezels. The company has also reduced its tin usage by 40 tonnes a year.

Reference Source: <http://www.arnotts.com.au/arnottsandtheenvironment.aspx>

## Q2. HOW PACKAGING AFFECTS THE ENVIROMENT.



Packaging is used by food manufacturers to protect and promote the product. The most common packaging material is plastic which is mostly unrecyclable. Many packaging materials are manufactured using resources that cannot be reused and is eventually thrown into landfill. Packaging pollutes our landscapes and water channels; it interferes with the natural beauty of the environment. About 80% of rubbish cleared on 'Clean Up Australia Day' is packaging. Packaging is also dangerous to humans and marine life. Around 7,500 children a year are injured from littered glass packaging. Many turtles are also choking on plastic bags that end up along the coastlines. Products with many interior packages also contribute the growing problem of waste. Most packaging that could have recycled is ending up in landfill which pollutes the land, air and underground water.

Reference Source: <http://www.envict.org.au/inform.php?menu=6&submenu=27&item=1274>

---

### Q3. HOW AUBURN COUNCIL IS PROTECTING THE ENVIROMENT.

---



AUBURN COUNCIL LOCAL GOVERNMENT AREA MAP & LOGO

Auburn council LGA borders Parramatta River and has many waterways and parklands. Auburn Council is tackling the issue of excessive water use by starting the 'Saving water in Asian restaurants' program. Auburn Council is encouraging businesses use water efficient appliances. The council is also offering rebates of \$1,000 to \$2,000 for using water efficient appliances. Auburn Council has produced a guide to combating the affects of asbestos. The council is committed to conserving the waterways in Auburn LGA by launching a program to regenerate

© [www.roydonng.com](http://www.roydonng.com)

the Duck River bush foreshore area. Auburn Council promotes saving energy, the council provides residents with information on how to save water, power and energy use, for example 'Install AAA shower heads and install a rainwater tank' Auburn council provides residents with special yellow lid recycling bins to sort recyclable waste which is collected by council and recycled.

Reference Source: <http://www.auburn.nsw.gov.au/page.aspx?id=429&>

---

## Q4. HOW MY FAMILY DEALS WITH FOOD SCRAPS AND EMPTY PACKAGING.

---



FOOD SCRAPS

My family responds to food waste by placing food scraps into the garden as compost or by throwing non-compostable items into the bin. Food scraps are usually disposed of through the garbage collection trucks. Empty packaging in my family is used as other containers to store smaller foods like lollies and chocolate. Sometimes empty packaging is used for craft activities like model making. Other empty packaging is generally recycled or thrown out.

Reference Source: ME!



Some Images from: "Live Images.com"