

Cans

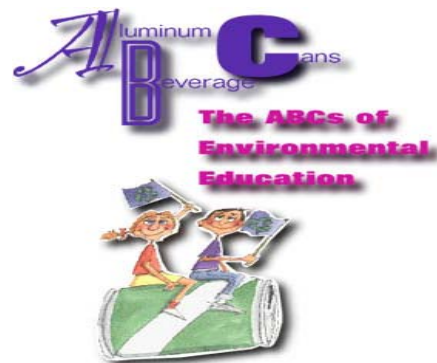


A very comprehensive industrial website, with historical and technological facts, along with pictures and even a course with lesson ideas and worksheets, looking at the recycling of cans (for older students – but could be adapted).

A very good start if you want to create your own worksheets on cans! Click on 'ABC of Environmental Education' and then 'Intermediate Curriculum' and you get to a menu of lessons with pdf downloads.

How were cans made by hand? How does changing the top reduce the size of the can?

You can download a video and look at diagrams on how cans are made.
www.cancentral.com/



www.gould.edu.au/wastewise/
Excellent worksheets on composting and waste, with some games, and teaching activities and help on what schools can do. It is an Australian site so some of the material is inappropriate (eg the quiz and the curriculum breakdown).



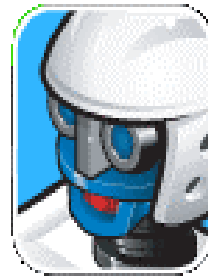
Humanities Education Centre,
PDC English Street London E3 4TA
Tel: 020 7364 6405
E-mail: hec@gn.apc.org
Website: www.globalfootprints.org



rap with recycler!



Games, advice, how to, activities, finding out how good you are at dealing with waste, a virtual school with advice, a brilliant site! The animated rap with sing-a-long lyrics is a fun introduction to the 3 Rs.



www.recyclezone.org.uk/

For local help, information, training etc contact:

WEN, Women's Environmental Network – locally run workshops on composting and growing food, have resources on organic food. 'Cultivating the Future Project' is working with schools in Tower Hamlets on composting and food growing. Local contact Caroline Fernandez tel: 020 7481 9004 website: www.wen.org.uk

Phil Maxwell, Tower Hamlets Waste Education Officer – creates educational resources and packs, runs projects with photo audits, exhibitions and movie making, runs workshops. Tel: 020 7364 6774

Soanes Science Centre A classroom for up to 30 children, a pond and a wetland habitat, located in the Tower Hamlets Cemetery Park, a local Nature Reserve. The park consists of 27 acres of woodland, grassland and meadows. This area has been a park since the cemetery closed in 1966. Find out what they offer at: www.setpointle.org/MoreaboutSoanesCentre.htm tel: 020 8252 6644 (manager Sigrid Werner)

Ken Greenway, Local Nature Reserves Officer enthusiasm and knowledge makes him a great resource, works with children on Mudchute Farm and at the Cemetery Park e-mail: ken@mudchute.org

Environmental Trust, a charity working on environmental improvement and education East London, www.envirottrust.org/ tel: 020 7264 4664, Gavin Weaver

Over 25 organisations work in Tower Hamlets on Environmental issues, to find out what they do and their contact details visit and download the directory as a word document, click on resources: www.towerhabitats.org/



Global Footprints

promoting global learning in schools

Action Against Waste

"All learners will develop the skills, knowledge and value base to be active citizens in creating a more sustainable society."
DfES Sustainable Development Action Plan, 2004

Best UK website:
See backpage



A teacher's briefing that gives ideas and websites for teaching about waste and recycling.

Global Footprints

How do our individual decisions and actions affect our planet? This can be answered by measuring our global footprint. A great way to start students exploring how they use resources. They can then think about how they can reduce their footprint. This can lead to individual pledges of action or projects

www.citylimitslondon.com

A report on the global footprint of Londoners. Research into the lifestyle of Londoners and how we affect the environment. Very interesting and detailed, with great facts that link globally. Good for creating worksheets etc



Global means the world and footprint means pressing down and we don't want to press down on the world too hard. Marina, 9

www.globalfootprints.org

The Humanities Education Centre has created a global footprints website that is used by schools to start children thinking about actions they can take to lessen their impact and to make positive changes. This site is more than an ecological footprint, it includes community and social issues. It has suggested actions for reducing the size of your footprint, comments, case studies and is translated into six languages.

Ecological Footprint

How many Earths would we need to feed, house, wash & provide goods for everyone if they lived like you?

Social and Global Footprint

Produced by the Humanities Education Centre this includes issues of discrimination and war. See bottom of page.

Where to start?

The global footprint is a way of linking actions with their global affects without jumping straight into questions of Science. It allows for great discussion acting as a foundation for children to create and direct projects to address their issues.

Calculating your eco-footprint

www.ecologicalfootprint.com/

a very quick way to assess your footprint! A single screen of questions with immediate feedback and comparison.

www.myfootprint.org/

a quiz with three pages of questions and a starting point of a map – different starting criteria for the questions. In total 14 questions, with the answer broken down into effects of transport, food, shelter and goods/services. But a problem with adult questions on living space.

www.kidsfootprint.org/

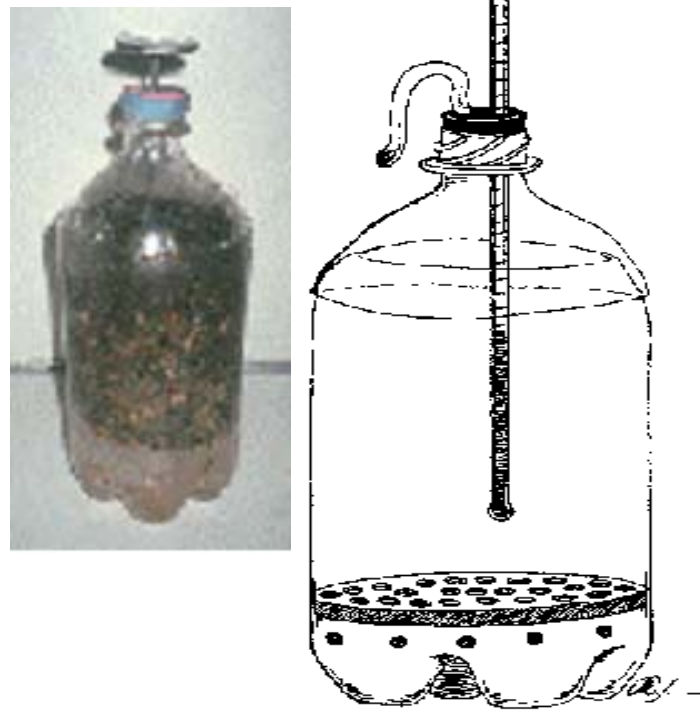
At the still to be uploaded stage!

Humanities Education Centre, Tower Hamlets PDC, English Street, London E3 4TA
Tel: 020 7364 6405 e-mail: hec@gn.apc.org



Compost Projects

Composting is a great activity, it allows children to learn about how nature recycles, encourages recycling in schools and focuses on the garden.



Your students can build a simple indoor compost heap, and they can study what it needs to be efficient. It is a good way to understand decomposing, looking at the control of variables like water, air, temperature. Great for scientific enquiry (Sc1).

For details on the bioreactor, a short student quiz (12 questions and immediate feedback), a teacher's page, and frequently asked questions about composting, visit the Cornell University site

<http://compost.css.cornell.edu/soda.html>



The Adventures of Vermi the Worm!



A great games page for primary students: an animated worm, Vermi, takes them through games about the three Rs, reduce, recycle and reuse.

www.ciwmb.ca.gov/Kidstuff/

The site includes activities about wormeries and decay, and the concept of a controlled experiment. On the curriculum page at 'closing the loop' there are sample lesson plans and materials including making a landfill bottle and looking at the use of packaging. But this is an American website so you have to pick and choose.

www.ciwmb.ca.gov/Schools/Curriculum/

There is a downloadable pdf file which is a worm's guide to composting.



There are also great links on the 'Kids Stuff Links', including a recycle city that children can explore, a game based on consumer choices called 'The Great Green Web Game' but this is more for older children and has questions that are American focused. It does show the effect of decisions on air, climate, water and habitat and therefore fits in well with the idea of global footprints.

Gardening and Composting

A network of schools sharing their projects, along with word games, quizzes, information, seasonal suggestions for each half term.



www.hdra.org.uk/schools_organic_network/

Recycling



Get your students to watch the TV advert and see if they can make their own.

www.recyclenow.com



A text based site that gives you all the information and advice on how to recycle in London.

www.recycleforlondon.com



To find out more about creating computer animations contact HEC

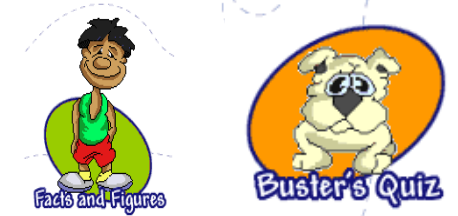


Visit **Ollie Recycles** for lots of facts and figures, quizzes, a game of sorting, and in the clubhouse there is a great animation on plastics and the sea, and further games – one has an interactive quiz about energy use in a house. Although it is aimed at children and there is a free CD to go with the site, a lot of the educational content is text.

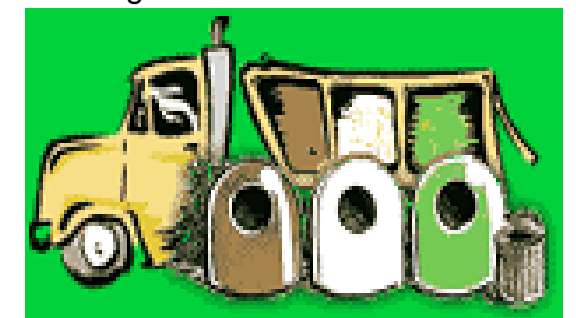
www.ollierecycles.com/uk/

Facts about clothing

- In the UK alone about 1 million tonnes of textiles are discarded every year.



- If all the textiles that are thrown away in one year were compressed together, you could build a solid tower, the same width and three times the height of Canary Wharf Tower, the largest building in Britain!
- More than 1.5 billion gallons of oil are used every year in the UK to manufacture clothing.



A superb site on recycling glass, with a sense of humour and use of simple images, for younger children. With a quiz and certificate, and a code for recycling glass. An interesting history section.

www.recyclingglass.co.uk/

Tin Cans?

When we think of can recycling we think Aluminium, because of its high profile, but what about steel cans? For information on the history of the steel can, its use and recycling visit the SCRIB website. A simple, visual based site:

www.scrib.org/15_parent.html



To visit the Tower Hamlets Recycling Centre call Phil Maxwell, see contact details on back page.