Waste Wise
Recycle Right
Ideas for the Classroom

Hunter Resource Recovery 2017

Literacy

- Brainstorm waste audit findings, ie most common items / problems / amount of waste V recycling;
- Think of different ways to reduce the non-recyclable waste, eg canteen packaging, waste from home, recover recyclables;
- Talk about a world where we did not reduce waste / care for the environment;
- Debate – Should there be recycling in the playground? / As a big generator of waste paper; Should schools only purchase recycled paper?
- Present learning to another class / assembly;
- Write a report about the audit; publish in newsletter;
- Write an exposition why it is important for the environment to reduce waste / recycle;
- Write a procedure – How to Recycle Paper;
- Write an acrostic / haiku poem.

Maths

- Conduct a waste audit, measure and record the mass / volume;
- Graph the results of audits and surveys;
- Use a PNI to classify positive negative interesting findings from the audit;
- Investigate and map the location of all the bins around the school (include class and admin bins);
- Investigate how much your school spends on waste each year;
- Calculate how many m3 of waste the school sends to landfill each year and how much that works out per person;
- 1 tonne paper – 13 trees (approx.); work out how many reams of paper that makes;
- Create a survey to measure attitudes to recycling (students / teachers / admin / canteen). At school / home / community; Yes / No; Why / Why not; What if ....

Thinking Keys

5 ways to reuse plastic bottle;
Order 3 benefits of recycling and why;
A-Z list of recyclables;
10 items that can't be recycled in the bin;
10 animals that need or live in trees
5 good / bad things about a house made from old plastic bottles
5 reasons why people don't recycle right
5 things you could use instead of plastic bags

Links

www.recycleright.com.au
www.HRR.com.au
http://www.cansmart.org/facts/fast_facts.html
http://www.hccrems.com.au/waste/
http://www.environment.nsw.gov.au/households/waste-recycling.htm
http://splash.abc.net.au/media?id=30438
http://www.abc.net.au/btn/story/s3507210.htm
http://recyclingweek.planetark.org/recycling-info/downloads.cfm
http://www.epa.nsw.gov.au/wastetools/signs-posters-symbols.htm
http://aerosol.com.au/about-aerosols/aerosol-recycling/
http://www.environment.nsw.gov.au/sustainableschools/teach/index.htm
http://www.epa.nsw.gov.au/warrlocal/recyculator.htm
http://www.epa.nsw.gov.au/warrlocal/benefits-recycling.htm
http://www.olliesworld.com/island/aus/

Design Posters – S & T

- Of items that can be recycled in the bin – paper / cardboard, glass bottles / jars, metal tins / cans / green or composted using pictures from magazines;
- Flow charts of the Life Cycles of recycled items, eg cans / fruit;
- Signage for recycling bins;
- Design a Material Recovery Facility using your imagination

Digital media presentations on Powerpoint, video, Photostory 3 Media Player that -

- Teach younger students How to Recycle Right;
- Show the environmental benefits of recycling;
- Create an ad/video that encourages people to recycle right;
- Take lots of photos and put them together to communicate / promote your schools sustainable activities and how the student's actions benefit the local environment;
- Investigate the Great Pacific Garbage Patch;
- Research a specific material / item – from the natural resource, how it is made, uses, how long to breakdown in landfill, environmental benefits of recycling;
- Display quick images of common packaging from canteen / home. Students id waste or recycling by pointing to photos of correct bin or using actions ie recycling symbol or crossed arms for garbage.

CAPA

- Write / perform a play / rap / to make others aware why reducing waste is important for our planet;
- Make recycled paper;
- Draw a picture that compares a world where we look after the environment on one side and don't care on the other;
- Have a waste as art competition;
- Look at the work of environmental artist Chris Jordan http://www.chrisjordan.com/gallery/rtn/#silent-spring