

OVERVIEW : LEARNING ACTIVITIES

Linked to the Key Competencies



Collecting, analysing and organising information

- Research
 - government policies / initiatives related to plastic bag use
 - impacts of plastic bags on the environment
 - values and behaviours of self and others
 - alternatives to plastic bags
- Critically analyse texts to identify authors' views and values
- Explore options for developing your own plastic bag reduction initiative



Communicating ideas and information

- Debate issues and expressing opinions
- Analyse and communicate research information
- Promote a plastic bag reduction initiative
- Negotiate support / partnership with local council, businesses, organisations and individuals
- Create community education resources (written, visual and electronic media)

Planning and organising activities

- Plan and complete research projects
- Design and conduct surveys
- Design and conduct experiments
- Development and implement a plastic bag reduction initiative

Working with others and in teams

- Brainstorm ideas
- Share information and research findings
- Debate issues from own and others perspectives
- Participate in a Plastic Bag Reduction Task Force
- Enlist community support for your plastic bag reduction initiative



Using mathematical ideas and techniques

- Calculate plastic bag use locally and globally
- Compare cost and benefits of single use and reusable shopping bags
- Graph research findings (plastic bag use, public opinion, breakdown times etc)
- Establish budget and manage finances for a Plastic Bag Reduction Task Force

Solving problems

- Generate solutions to plastic bag issues
- Analyse viability of alternatives to single use plastic bags
- Develop strategies to raise community awareness of environmental issues and sustainable options
- Implement and market a plastic bag reduction campaign or enterprise

Using technology

- Experiment: Making plastics and designing methods to test properties
- Employ information technologies to present information and create displays
- Design, make and appraise alternatives to single use plastic shopping bags