

e-Waste-Recycle



e-WASTE - RECYCLE

LEARNING AREA: Economic and Management Sciences

LEARNING OUTCOME 3: Managerial, Consumer and Financial Knowledge & Skills

Demonstrate knowledge and ability to apply responsibly a range of managerial, consumer and financial skills.

LEARNING OUTCOME 4: Entrepreneurial Knowledge and Skills

Develop entrepreneurial knowledge, skills and attitudes.

Integration with other Learning Areas:

Learning Area	Learning Outcome	Description
Language	4: Writing	Write different kinds of factual and imaginative texts for a wide range of purposes
Mathematics	1: Numbers, Operations and Relationships	Recognise, describe and represent numbers and their relationships, and count, estimate, calculate and check with competence and confidence in solving problems.
Technology	3 : Technology, society and the environment	Demonstrate an understanding of the interrelationships between science, technology, society and the environment.

ACTIVITIES

(E = Educator L = Learner)

E	Refer to Recycling , Recycle - Steel cans , Recycle - Glass , Recycle - Paper , Recycle - Plastics
L	<p>e-Waste Recycling</p> <p>Write to e-Waste Association of SA to find out why we should recycle electronic waste. Ask for information on collection and take-back schemes for:</p> <ul style="list-style-type: none"> • personal computers (PCs) • cell phones (mobile phones) • compact fluorescent lamps (CFLs) • batteries <p>Ask for a list of the collectors and collection/take-back points in your area.</p>
E	Post the best letter
E	Divide the learners into four groups i.e. the "techies" (PCs), the "talkies" (cell phones), the "lighties" (CFLs) and the "batties" (batteries).
L	As a group, make a flow diagram to show the steps involved in the collection and recycling of your electronic product.
L	Find out the distance in kilometres from your school to the nearest collection point for your product. Work out the cost of transport for a return journey from the school to the collection point @ R3 per kilometre.
E	<p>Collection</p> <p>Discuss: which would be better: to collect electronic waste to take to the nearest e-Waste recycling centre or host an e-waste collection day at school?</p>
L	Find out possible health, safety, fire and environmental risks of collecting e-waste. In groups, discuss how to ensure safe storage and transport of e-waste.
L	Discuss: combining the e-waste collection day with other types of recyclables, e.g. steel cans, glass, paper and plastics.
L	Prepare an action plan for the collection day. Include leaflets and posters to advertise the day.

