**TECHNOLOGY: GRADE 7: TERM 3**

**TOPIC 2: RECYCLING**

**What is recycling?**

Recycling is the process of making or manufacturing new products from a product that has served its original purpose. If these used products are disposed of in an appropriate, environmentally friendly way, the process of recycling has been set in motion. Recycling is an excellent way to save energy and conserve the environment.



DID YOU KNOW?

* One recycled tin can save enough energy to power a TV for three hours.
* One recycled glass bottle would save enough energy to power a computer for 25 minutes.
* One recycled plastic bottle would save enough energy to power a 60-watt light bulb for three hours.
* 70% less energy is required to recycle paper compared to making it from raw materials.
* A great deal of waste that could be recycled ends up in landfill sites.

This is harmful to the environment.

Some interesting facts

* Up to 60% of the rubbish that ends up in the dustbin could be recycled.
* On average, 16% of the money you spend on a product pays for the packaging, which ultimately ends up in the rubbish.
* As much as 50% of waste in the average dustbin could be made into compost.
* Up to 80% of a motor vehicle can be recycled.
* 9 out of 10 people would recycle more if it was made easier.

**Activity 1: Recycling scheme for your school**

Discuss and write down some suggestions that you can think of to raise funds for your school, by recycling the waste on your school grounds.

1. Choose a NAME of RECYCLERS. Use your INITIATIVE and make it INTERESTING.

2. Draw a LOGO for your recyclers and make up a SLOGAN which you will present to the rest of the class.

3. Answer the questions below. Write these answers in your books or on your poster.

a. Where will you find containers to keep the different waste in? (2)

b. Can the containers be placed at any place on the school grounds or do you have to work out a plan for placing them? (2)

c. Who will empty the containers? (2)

d. Will they be emptied at a specific time of the day or during school? (2)

e. Can you think of a recycler who will pay your school for collecting the waste? (2)

f. How can the school use the profit money gained through the scheme? (2)

 Total: 12

*RECYCLE RE-USE REDUCE*

