

Understanding Packaging



INTRODUCTION

The product packaging often has information about the content, price and quantity of the product, make it convenient to store and use the product and also tell us where the product was manufactured and how and by when it should be utilised. Packaging sometimes has important symbols like the recycling symbol, ingredients source (vegetarian and non vegetarian), hazards etc.

The lesson plan encourages students to understand packaging, its relevance and purpose and also the impacts packaging waste is creating on the environment.

Objectives:

Students will be able to

- identify different types of packaging material used for household products.
- list different types of packaging material available in the market.
- visualise different types of packaging material and sort these into different categories.

Eco-Schools Steps: Audit, Action Plan development, Evaluation and Monitoring, Inform and Involve

Curriculum Linkage: Science/ Environmental Studies/Social Science/ Numeracy and Mathematics



Time required/ Duration:

- **Classroom session 1:** 45 minutes for the teacher to do a background introduction on packaging and for the colouring and circling activity.
- **Home assignment 1:** Four hours over a week for completing the packaging worksheet and to collect and bring back to their classrooms different types of packaging material.
- **Classroom session 2:** 90 minutes provided to students to develop a “display on packaging material”.

Resources Required:

- Resource Sheet 1 for identifying human-made packaging and packaging in nature
- Resource sheet 2 : Worksheet for listing different types of packaging material available in the market
- Different packaging material collected by students or teachers
- Dedicated display board
- Student’s stationery including colouring material (crayons/ colour pencils/ others)



Activity

Classroom session 1

- Start with a discussion introducing students to packaging. To get students to understand “packaging”, it will be useful to ask probing/ leading questions to students and work further based on the response received.
 1. What packaging is?
 2. What is the importance of packaging?
 3. What are the problems caused by different types of packaging?
- Hand over the colouring sheet on human-made packaging and packaging in nature to the students.
- Ask the students to colour objects which represent packaging in nature and circle those which represent human made packaging.

Home Assignment 1

- Ask the students to fill a worksheet on different packaging material based on the home survey.
- Collect some of these packaging material and bring it back to class along with the filled in worksheets. These packaging material will be required for Classroom session 2.
- Instruct students to fill in Resource 2 (Worksheet for Packaging material), based on the products which were purchased and brought home during the course of the home assignment.

Classroom session 2

- Review and discuss the worksheets completed by students.
- Ask the students to sort the representative packaging material brought back by students based on waste types (natural or human-made, which should be further categorised into paper based, metal, glass, etc.) and a Eco-Schools display board on packaging material should be developed by students.
- This board should be maintained for A month and will help to inform and involve students.

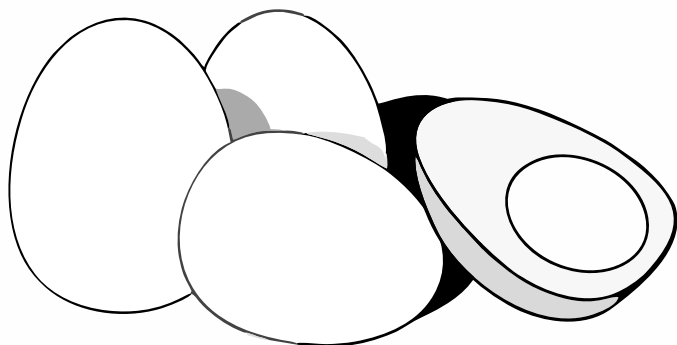
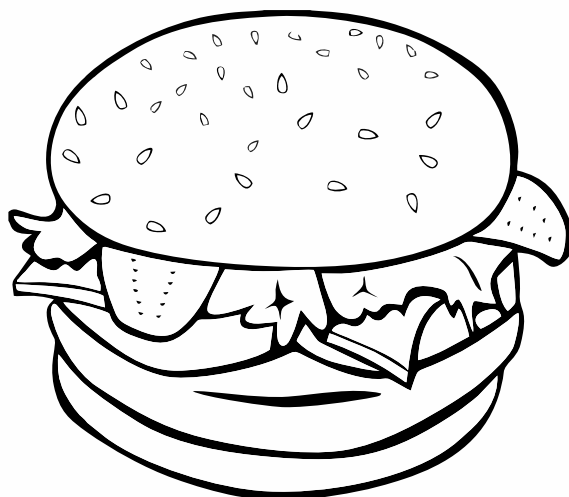
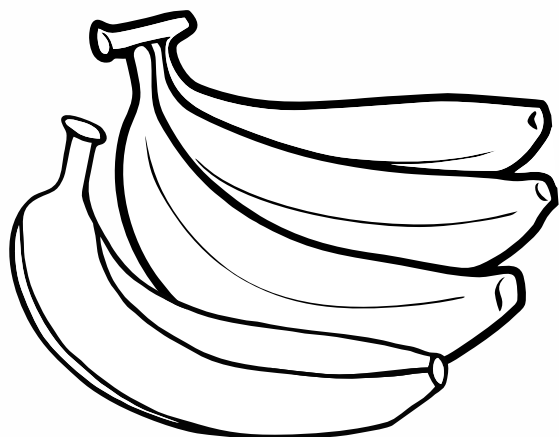
Evaluation:

Colouring the right objects will help teachers ascertain whether the students have understood natural and human-made packaging material.

Sorting of packaging material for the display boards will be a good way to assess whether students have understood the concept.

Resource 1

Colouring Sheet



Resource 2

