

# Recyclingo !

## Lesson 2 Plan

### Introduction

Since the students are now familiar with the concept of Reduce, Reuse, Refuse , Recycle & Repair, it is time for them to learn about the difference between the materials. It is also important for them to know which items can be recycled and which items cannot.

### Objectives

Students will be able to:

- Understand how some daily-use items stay in nature for a long time.

Eco School Steps – Curriculum Linkages

Curriculum Linkages – Environmental Studies



7-8  
Years

### Time required/Duration

Classroom session 1: 40 minutes (10 minutes for background information and introducing the rules for the game 30 minutes for conducting the game)

### Resources Required

- List of 20 recyclable items and all the items mentioned in the list
- List of 20 non-recyclable items and all the items mentioned in the list
- 2 small boxes per kid
- Pen/pencil
- Resource 1: Non-recyclable material
- Resource 2: Recyclable material
- (5X5 matrix sheet)



### Classroom Session

1

- Prepare a list of 20 recyclable and 20 non-recyclable items each which are used daily. (Tip: Include those items which the students come across daily, for them to connect better).
- Represent the items in a 5X5 matrix .
- Create randomized versions of each list and circulate it among the students.
- Call out a random item, one item at a time. The sequence will be spontaneous. Instruct the students to tick the respective item off their list and mark R for Recyclable and NR for Non-recyclable.

- Whoever ticks off 5 rows (vertical, horizontal or diagonal) is encouraged to come forward and share his/her list and the explanation for placing them under any of the categories.
- Further, all the students are encouraged to share their thoughts on the exercise.
- Ask them to address:
  - o What is recyclable and non-recyclable material?
  - o What are the common products that fall under each category?
  - o Where they can be deposited the recyclable material?
  - o Tell them to collect information on where does the non-recyclable product end up?

### Resource 1 List of Recyclable items

|               |                      |            |                |                     |
|---------------|----------------------|------------|----------------|---------------------|
| soda can      | plastic water bottle | newspaper  | cereal box     | old computer        |
| glass bottle  | egg carton           | magazine   | cotton t-shirt | steel spoon         |
| plastic straw | cardboard box        | smartphone | tin can        | plastic milk carton |

### Resource 2 List of Non-recyclable items

|                   |                    |                      |                    |                    |
|-------------------|--------------------|----------------------|--------------------|--------------------|
| Spoiled pizza box | dirty sponge       | take-away coffee cup | ceramic mug        | medical cream tube |
| Styrofoam plate   | chemical container | medical cream tube   | White board marker | mirrors            |
| light bulb        | used toilet paper  | photograph           | chips bag          | Glue stick         |

### Resource 3 : 5 X 3 matrix

|                         |                           |                          |                 |                        |
|-------------------------|---------------------------|--------------------------|-----------------|------------------------|
| spoiled pizza box R/NR  | soda can R/NR             | medical cream tube R/NR  | smartphone R/NR | tin can R/NR           |
| plastic straw R/NR      | newspaper R/NR            | egg carton R/NR          | mirrors R/NR    | used toilet paper R/NR |
| White board marker R/NR | take-away coffee cup R/NR | plastic milk carton R/NR | photograph R/NR | cotton t-shirt R/NR    |

\*The items that can/cannot be recycled might differ according to the country.