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.

**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

<table>
<thead>
<tr>
<th>soda can</th>
<th>plastic water bottle</th>
<th>newspaper</th>
<th>cereal box</th>
<th>old computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>glass bottle</td>
<td>egg carton</td>
<td>magazine</td>
<td>cotton t-shirt</td>
<td>steel spoon</td>
</tr>
<tr>
<td>plastic straw</td>
<td>cardboard box</td>
<td>smartphone</td>
<td>tin can</td>
<td>plastic milk carton</td>
</tr>
</tbody>
</table>

Resource 2 List of Non-recyclable items

<table>
<thead>
<tr>
<th>Spoiled pizza box</th>
<th>dirty sponge</th>
<th>take-away coffee cup</th>
<th>ceramic mug</th>
<th>medical cream tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrofoam plate</td>
<td>chemical container</td>
<td>medical cream tube</td>
<td>White board marker</td>
<td>mirrors</td>
</tr>
<tr>
<td>light bulb</td>
<td>used toilet paper</td>
<td>photograph</td>
<td>chips bag</td>
<td>Glue stick</td>
</tr>
</tbody>
</table>

Resource 3 : 5 X 3 matrix

<table>
<thead>
<tr>
<th>spoiled pizza box R/NR</th>
<th>soda can R/NR</th>
<th>medical cream tube R/NR</th>
<th>smartphone R/NR</th>
<th>tin can R/NR</th>
</tr>
</thead>
<tbody>
<tr>
<td>plastic straw R/NR</td>
<td>newspaper R/NR</td>
<td>egg carton R/NR</td>
<td>mirrors R/NR</td>
<td>used toilet paper R/NR</td>
</tr>
<tr>
<td>White board marker R/NR</td>
<td>take-away coffee cup R/NR</td>
<td>plastic milk carton R/NR</td>
<td>photograph R/NR</td>
<td>cotton t-shirt R/NR</td>
</tr>
</tbody>
</table>

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