



REDUCE, REUSE & RECYCLE

INTRODUCTION

Waste management comprises of all the activities and actions required to manage waste from its inception to its final disposal. A thorough understanding of how to manage waste, reduce pollution and prevent infectious diseases is essential to ensure our survival, and indeed, survival of future generations, in this world of scarce resources.

Learners begin by understanding the 3R's-Reduce, Reuse and Recycle and establish criteria for best waste management practices.

Learners exit this module with a knowledge and understanding of the best practices of waste management that can be implemented in their surroundings.

This module is a part of "APPLY - SCIENCE FOR A BETTER WORLD" series.

MODULE DETAILS

- **Series 2: Apply - Science For A Better World**
- **Module 1: Reduce, Reuse & Recycle**
- **Student Accomplishment Level: 1**

Grade Group : 1-3 Number of Sessions: 8 Session Duration: 60 min

SESSION EXPERIENCE

1. **Tuning In:** Understand the module structure and goals. Learn how to classify, sort and use bricks.
2. **Waste Management:** Learn about the 3R's and the need to manage waste.
3. **Reduce:** Use bricks to learn and understand the concept of reduce in the 3Rs.
4. **Build Reusable Blocks:** Create different letters using the same set of bricks to understand the concept of reuse.
5. **Recycling a Milk Carton:** Build a milk carton using bricks.
6. **Treasure Out Of Trash:** Create something new and useful out of waste materials.
7. **Best Practices:** Create an anecdotal collateral of the best practices of waste management in the surroundings.
8. **How Did I Do?:** Reflect on the learnings from the module: 3R's (Reduce, Reuse & Recycle). Present work to peers.

Learning Objectives:

Learners will:

1. Understand the basic terminology (**Reduce, Reuse & Recycle**) of waste management.
2. Apply concepts learnt to make their surrounding a better place to live in.
3. Follow instructions, think critically and create tangible artifacts.
4. Engage in active collaboration and communication.

