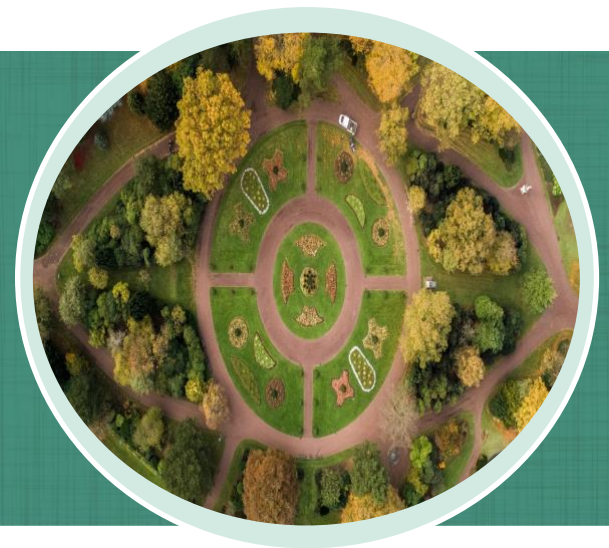


Imagine a Waste-Free Economy

Eco 360 Jr
Activity
Grade Level: 3-8



Objectives

The objective of this activity is to introduce the concept of a waste-free circular economy - how it works and how it can help us create a waste-free world. Learners will think about the need for this waste-free circular economy to solve the problem of waste in the world.

Learning Outcomes

By the end of this activity, learners will:

- be able to explain a waste-free circular economy
- be able to contrast a waste-free circular economy with our current wasteful linear economy
- Demonstrate an understanding of the problem of waste in the world and its effects
- Demonstrate an understanding about how a circular economy can solve the problem of waste.

Time Required: 2.5 hours

Activities

- watch a video about circular economy vs linear economy
- complete the plastic re-make activity

Materials

- computer or internet-enabled device
- craft/art materials (listed in the handout)
- topic backgrounder
- handout: Plastic Re-make Activity

Introduction

Read the topic backgrounder to the class and display the images. (5 min)

Show the videos:

Introducing Circular Economy (grades 6-8) (2:04):

https://www.youtube.com/watch?v=_9mHi93n2AI

Imagine a chair (grades 3-5) (2:37):

<https://www.youtube.com/watch?v=FKjJyus6WOg>

Distribute the handout and read the Plastic Re-make Activity introduction with the class (15 min).

Complete the design activity in the handout following the Design Process (2 hours).