

Eco 360 Jr Program Objectives

Activity 1: Imagine a Waste-Free Economy

- ❖ Learn the concept of a circular economy, its inception, application, and future. Reflect on the need for a circular economy, the problem of waste in the world and the flaws of the current linear economic model.

Activity 2: All About Plastics

- ❖ Learn about plastics, their history and application in our daily life. Learners will conduct research to understand the life cycle of plastics and share their findings with the class.

Activity 3: Different Types of Plastics

- ❖ Learn about the different kinds of plastics found in our economy. Learners will learn how to distinguish what kind of plastic they are dealing with by looking at the labels on plastic products.

Activity 4: Why Do We Have Plastic Waste in Our Environment?

- ❖ Learners will explore how plastic waste ends up in the environment by looking for the source of the problem. Learner will explore the main types of plastic waste that ends up in the environment.

Activity 5: Small and Big Plastics in our Oceans

- ❖ Learners will learn about the impacts of plastic on oceans. Learners will learn about the production of tiny plastic particles – called microplastics – and explore how these tiny plastic particles end up in our environments. Learners will learn how plastic particles harm our water bodies, especially when they enter our oceans.

Activity 6: Why is Plastic Waste Bad for our Environment?

- ❖ Learners will explore how plastic waste harms the environment by exploring its effects on land, water and air.

Activity 7: Our Plastic Consumption Footprint?

- ❖ Over a term, learners will monitor their plastic waste on a weekly basis and then take actions to reduce their plastic footprint.

Activity 8: eCards for a Waste-Free Circular Economy

- ❖ Learners will research circular economy policies locally and around the world. By writing to people in positions of influence through eCards – such as world leaders, politicians, or business leaders – learners will advocate for transitioning to a waste-free circular economy for plastics.

Activity 9: Plastic Remake

- ❖ Learners will explore ways in which plastic waste can be repurposed to create consumer goods. Learners will complete a make-remake activity where they will go through a design challenge to make something new out of recycled plastic.

Activity 10: Sorting Your Waste

- ❖ Learners will learn about waste management and how to sort waste correctly – learning how to identify which waste products go into their correct waste bin i.e. recyclables, organics, garbage and so on.

Activity 11: Circular Economy and Sustainable Development Goals

- ❖ Learners will learn about the United Nations' Sustainable Development Goals. Learners will explore how a circular economy for plastics helps with climate action.

Activity 12: Taking Inspiration from Nature

- ❖ Learners will learn about how we can take inspiration from nature to design better products and systems to eliminate plastic waste.