



Plastic Seas - Plastic Solutions Duration
Produced by [EarthEcho International](#) **7:33 (cc)**

STEAM Curriculum Lesson Extension:
Trash to Cash, 5th Grade

Goal

Students will be introduced to a wide variety of solutions to the plastic pollution currently being implemented in parts of Australia.

Overview

Phillippe Cousteau talks with Jennifer Lavers, Heidi Taylor, Donna Shiel, Anthony Hill, and others from Melbourne, Australia, to uncover a variety of solutions to plastic pollution that everyone can do.

Connections to EarthX STEAM Curriculum Lesson: *Trash to Cash*

The reuse of waste is one way to cut down on the amount of trash heading to our landfills. Plastics are one type of waste that take hundreds of years to biodegrade and often end up in our oceans and waterways. Finding ways to deal with this type of pollution is vital.

Guiding Questions

- What is one word you have to describe the plastic pollution problem? How does this describe it?
- What are ways mentioned in the video that can reduce the amount of plastic in the environment?
- It was mentioned that “I am only one drop, but it is many drops that make an ocean.” How does this relate to your impact on the plastic pollution problem? What can you do to make a difference?

Vocabulary

- Food waste
- Compostable
- Organic
- Debris
- Emotional imagery
- Accessible
- Empowers
- Methodology
- Data collection

Standards

Next Generation Science

- 5-ESS3-1
- MS-PS1-3
- MS-LS2-5

TEKS Science Objectives

- 5.b.3
- 5.b.9c
- 8.b.11