

## How to Recycle

Produced by [FCC Environmental Services](#)

Duration **4:37**

**STEAM Curriculum Lesson Extension:**

*We Built This School, Grade 2*

### Goal

Students will learn why recycling is important to our communities and our planet. They will also learn what can be recycled and the steps to creating a recycling program in their home.

### Overview

Students will learn how much waste is created each year and how much of that can be recycled. They will learn which items can be recycled as well as how to create and implement a recycling program in their own home.

### Connections to EarthX STEAM Curriculum Lesson: *We Built This School*

Living sustainably means using resources wisely. Our society creates volumes of trash daily, much of it that is able to be reused. Recycling waste allows resources to be used more than once, and, at the same time, lessen the load on landfills.

### Guiding Questions

- Imagine that recycling bins could talk. What would it say to people putting in waste? Why do you think that?
- The Environmental Protection Agency (EPA) estimates that while 75% of American trash can be recycled, only about 35% of it is. (Teacher may wish to review what these figures mean.) After learning about how to recycle, why do you think less than half of trash that can be recycled is recycled?
- Different cities have different rules for what can be recycled and what cannot. Compare your cities list of recyclable materials to what you heard in the video.

### Vocabulary

- Innovate
- Mechanical arms
- Waste management
- Natural gas
- Tons
- Recyclable
- Ceramics
- System
- MRF (Materials Recovery Facility)

### Standards

#### Next Generation Science

- K-ESS3-3
- 2-PS1-1

#### TEKS Science Objectives

- K.b.5a
- 1.b.5a
- 2.b.5c