



## A STEAM Energizer: Trash and Recycling

STEAM Energizers by the Bucks IU FAB Lab Team are STEAM activities that are based off of Scholastic's Learning at Home resources, a free online resource for families. Today's story focuses on the importance of sanitation workers who work hard to collect our trash and recycling. [Click here](#) and scroll to Day 15 to find the story!

### No-Tech Activities:

- **Option 1 – Recycle-a-creation:** Can your children/students find a different use for something that they have in the house? Can they create something from trash or recycled materials? Encourage them to be creative and make something new out of old materials.
- **Option 2 – Trash Truck Creation:** Have your children/students create an attachment for a toy vehicle that will collect trash or recycling. If you do not have a toy vehicle at home, encourage them to create the entire truck!

### Some-Tech Activities:

- **Option 1 – Code.org AI for Oceans:** In this activity from [Code.org](#), students will learn how Artificial Intelligence (AI) can be used for a good cause. They will train the program to identify the difference between marine life that belongs in the water versus trash that causes ocean pollution. This activity is interactive and introduces students to different ocean pollution facts, computer science topics, and computer science professionals.
- **Option 2 – Robot Trash Collector:** Do you have any robots at home? Have your children/students design an attachment that can help to collect trash as it moves from one place to another. Encourage your children/students to use recycled materials to create their attachment!

