

# Action Plan

Tsukasa, Raven, Rikako

# What issue we addressed

① Taking care of things × ② Environment Protection × ③ Trash Problem

- Kids are not using their stuff gently
- Using materials longer → Environmental protection
- The US creates the most trash in the world



# Why we choose that issue/What we want to change

Before:

- Kids do not understand what will happen if they do not treat things well
- Most of pencils in the classroom were broken
- Too much trash at circle time

“How my action affect animals, human, and earth?”

→ “What is the first step I can take easily?”

“Thinking globally and Acting locally” (Cress, N/A) (Reflection 5)

<https://drive.google.com/file/d/1QxWzU5bfdIBpbcp41jMXqSNmd-r3J-08/view?usp=shari>



# What we did

## ➤ Setting the stage

“What would you do when your pencil breaks in half way?”

Do you throw it away? Or do you keep using it?”

## ➤ T or F quiz (5 questions)

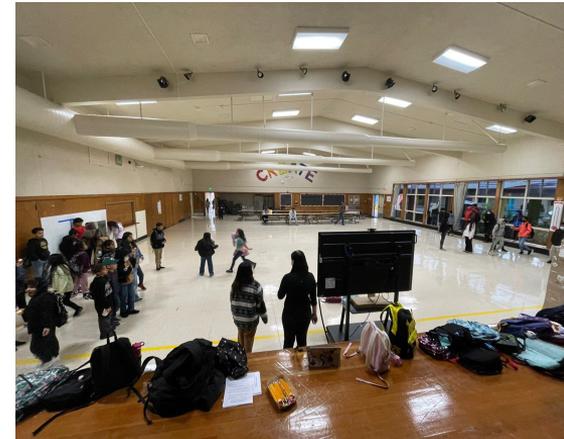
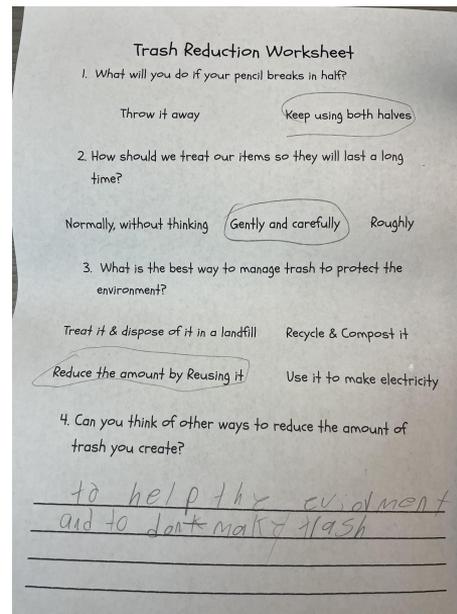
ex) The amount of trash people in the US produce per day is 6 pounds

Creating trash leads to climate change

## ➤ Taking survey / Reflection

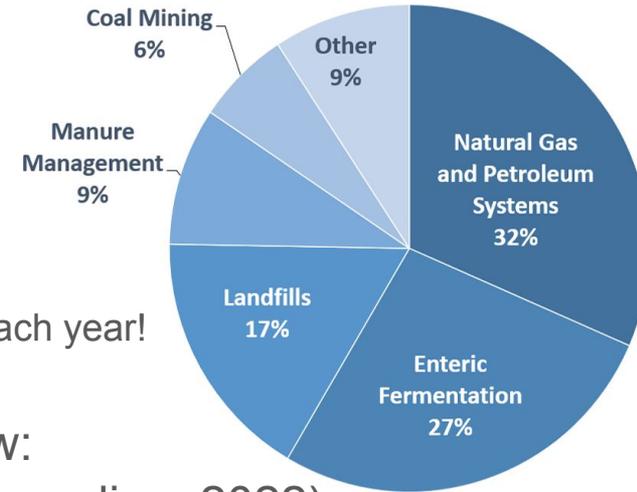
First time 40%

Second time 75%



# Relevant Research

- The average American generates almost 5 lbs of trash each day
  - That's just under 1 ton of trash generated by each person each year!
- 50% of all trash generated goes into landfills
- Only 23% of all trash is recycled (National Overview: Facts and Figures on Materials, Wastes and Recycling, 2022)
- Landfills contribute to climate change
  - Landfills are the 3rd largest producer of methane gas
  - Out of the major greenhouse gasses, methane is the second largest one we produce (Overview of Greenhouse Gases, 2022)
- The best way to manage trash according to the EPA is to reduce the amount of trash generated and reuse what you can
  - Recycling/Composting is the second best way to manage trash (National Overview: Facts and Figures on Materials, Wastes and Recycling, 2022)



# What we have learned

**Tsukasa-** the importance of awareness, education, and review

**Raven-** We were a little under prepared. Though we'd asked how many students CPY had we ended up with more than we expected. Teaching 40 students is different than teaching 10 students. Also it's harder to teach effectively when you are worried about time.

**Rikako-** No knowledge about environment / trash

→ the gap between what we expect and real situation / the difficulty of teaching unfamiliar topic for students

# Works Cited

National Overview: Facts and Figures on Materials, Wastes and Recycling. (2022, December 3). US EPA.

<https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/national-overview-facts-and-figures-materials>

Overview of Greenhouse Gases. (2022, May 16). US EPA.

<https://www.epa.gov/ghgemissions/overview-greenhouse-gases>