

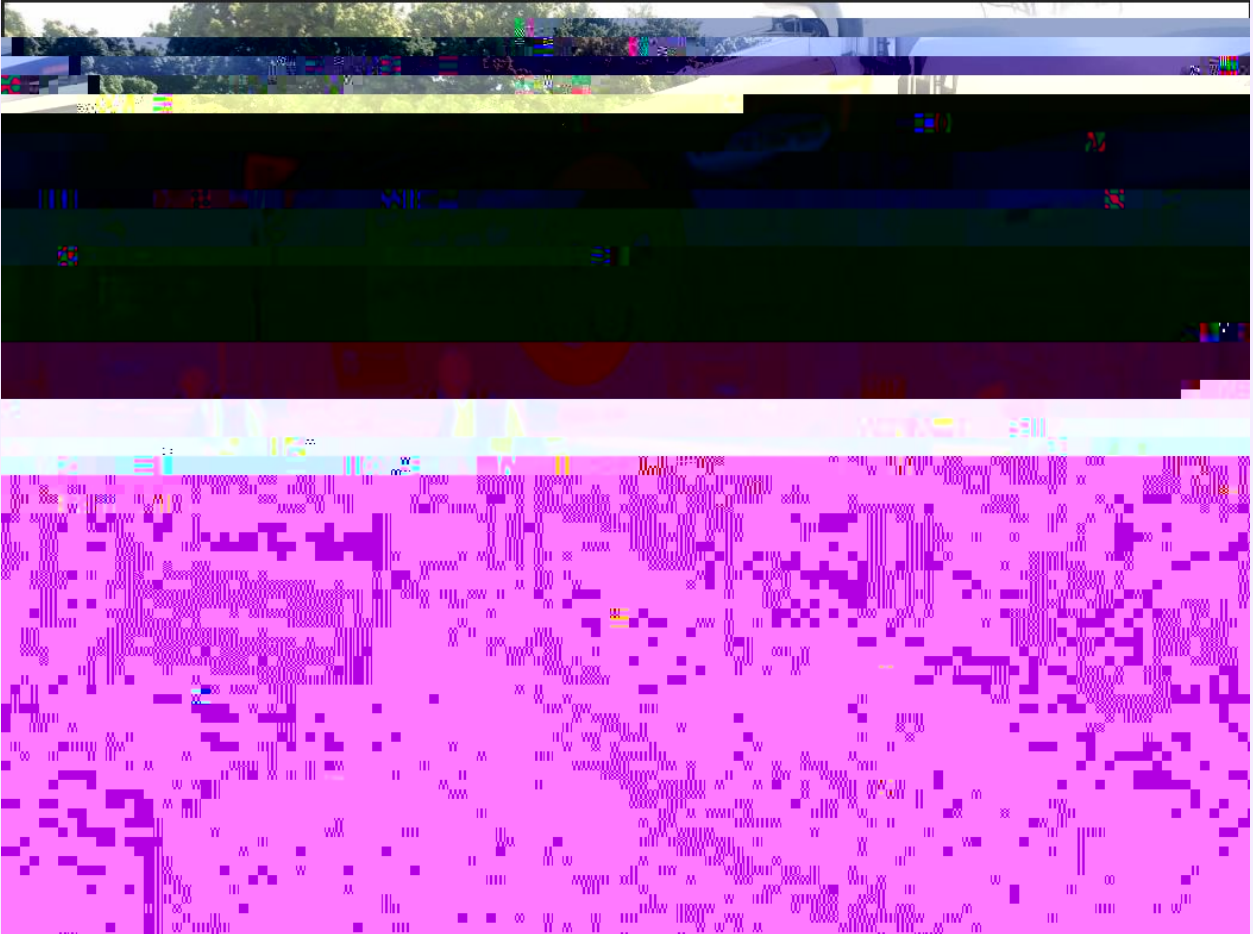
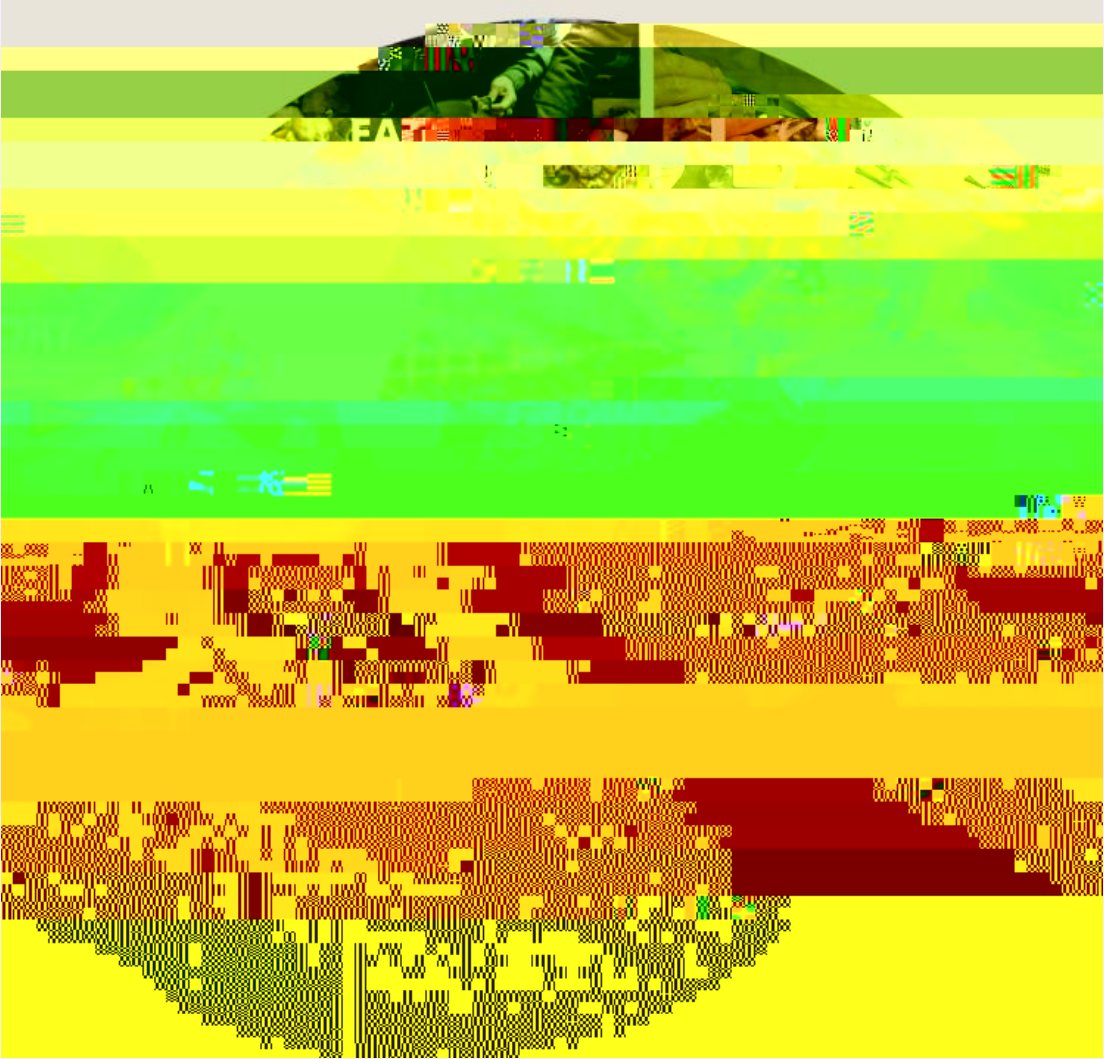
Composting and Food Waste Education



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Environmental Studies Capstone

Why Composting and Food Waste Education?

Our Community Partners:



Deliverable

Interactive and Engaging Presentation Slides

Design engaging slides that follow the Massachusetts Fifth Grade Curriculum Framework, with a focus on food waste, bacteria, and an interactive component.

Multimedia Component

Use a new media form to better engage the students, rather than a normal class lecture. This can be achieved through a video or animation.

Lesson Plan

Create an addition that makes this project easy to replicate for future teachers or students. This will take the form of a classic lesson plan with a script and directions for carrying out the activities.

In-class Activity

Make an in-class activity for student to fill out during the presentation to keep them engaged. This interactive activity will take the form of both a worksheet and a coloring page.

Take-home Flyer for Parents

White a short informational flyer for the students to bring home to their families to spark further conversation. This will also provide further information if parents are interested in getting involved.

Final Project Walkthrough

[Slides](#)

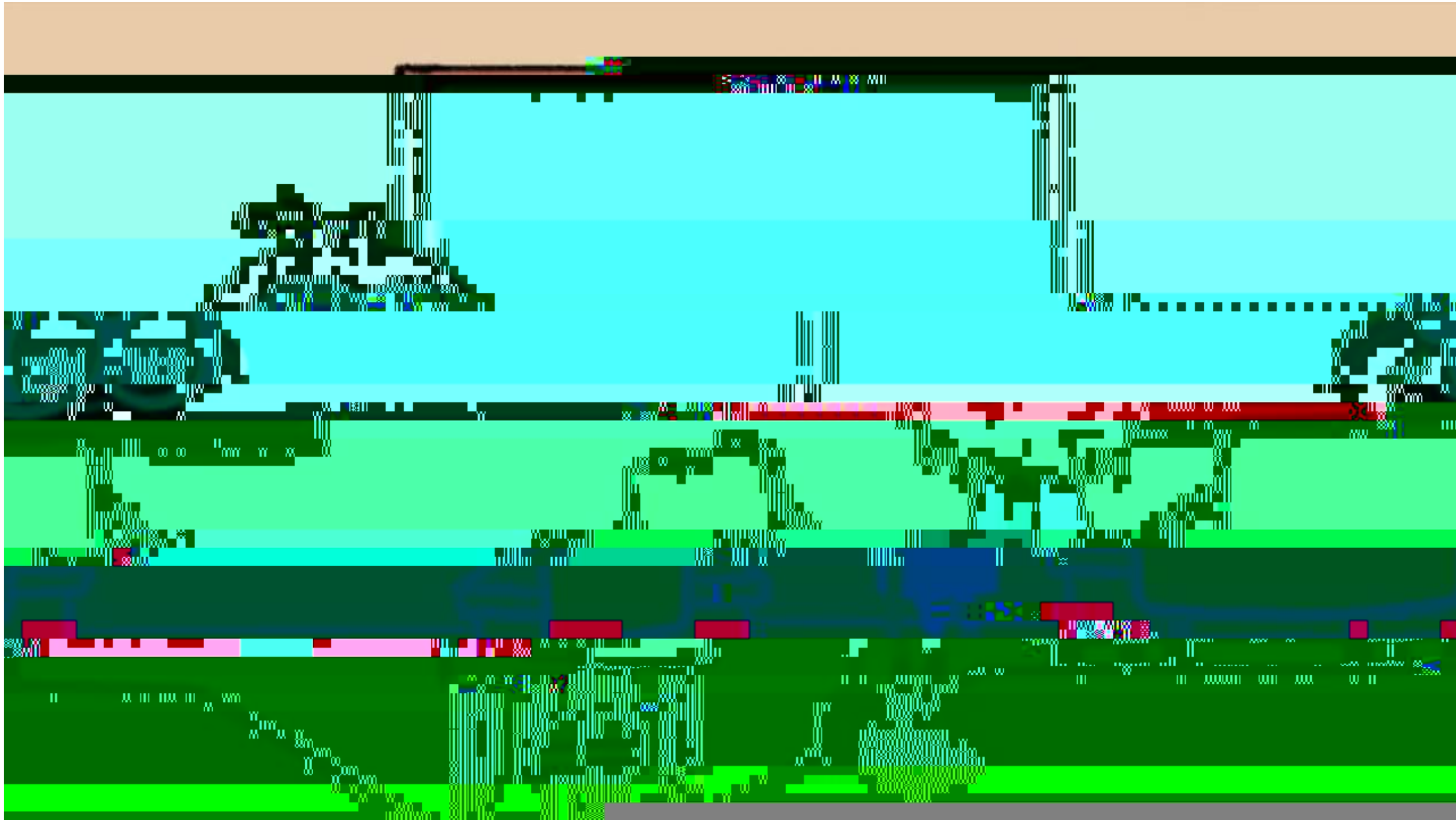
Interactive Video

Take-Home Flyers

Kids Worksheet

Learning plan

Animation!



*Created with Adobe Express Studio

The infographic features a background image of a person in a white lab coat holding a large pile of food scraps. The text is overlaid on this image. At the top, it says "Food Waste" in a large, light blue font. Below that, it states "The biggest change we can make is to reduce personal food waste at home. By composting food scraps while cooking and diverting food from the trash we can collectively reduce greenhouse gas emissions." The bottom half of the infographic is a colorful bar chart with various colored bars (red, yellow, green, blue, purple) representing different categories of food waste.

Food Waste

The biggest change we can make is to reduce personal food waste at home. By composting food scraps while cooking and diverting food from the trash we can collectively reduce greenhouse gas emissions.

This infographic has a background image of a person in a white lab coat holding a large pile of food scraps. The text is overlaid on this image. At the top, it says "Why is reducing food waste important?" in a large, light blue font. Below that, it lists several reasons: "Food waste decomposes in landfills, which produces methane gas, a potent greenhouse gas." and "Composting food scraps and yard trimmings can reduce greenhouse gas emissions by up to 50%." The bottom half of the infographic is a colorful bar chart with various colored bars (red, yellow, green, blue, purple) representing different categories of food waste.

Why is reducing food waste important?

Food waste decomposes in landfills, which produces methane gas, a potent greenhouse gas.

Composting food scraps and yard trimmings can reduce greenhouse gas emissions by up to 50%.

This infographic has a background image of a person in a white lab coat holding a large pile of food scraps. The text is overlaid on this image. At the top, it says "What can be composted?" in a large, light blue font. Below that, it lists several items: "Vegetable scraps, fruit peels, coffee grounds, tea bags, lawn clippings, and small twigs." The bottom half of the infographic is a colorful bar chart with various colored bars (red, yellow, green, blue, purple) representing different categories of food waste.

What can be composted?

Vegetable scraps, fruit peels, coffee grounds, tea bags, lawn clippings, and small twigs.

This infographic has a background image of a person in a white lab coat holding a large pile of food scraps. The text is overlaid on this image. At the top, it says "What cannot be composted?" in a large, light blue font. Below that, it lists several items: "Meat, dairy, oils, fats, and bones." The bottom half of the infographic is a colorful bar chart with various colored bars (red, yellow, green, blue, purple) representing different categories of food waste.

What cannot be composted?

Meat, dairy, oils, fats, and bones.

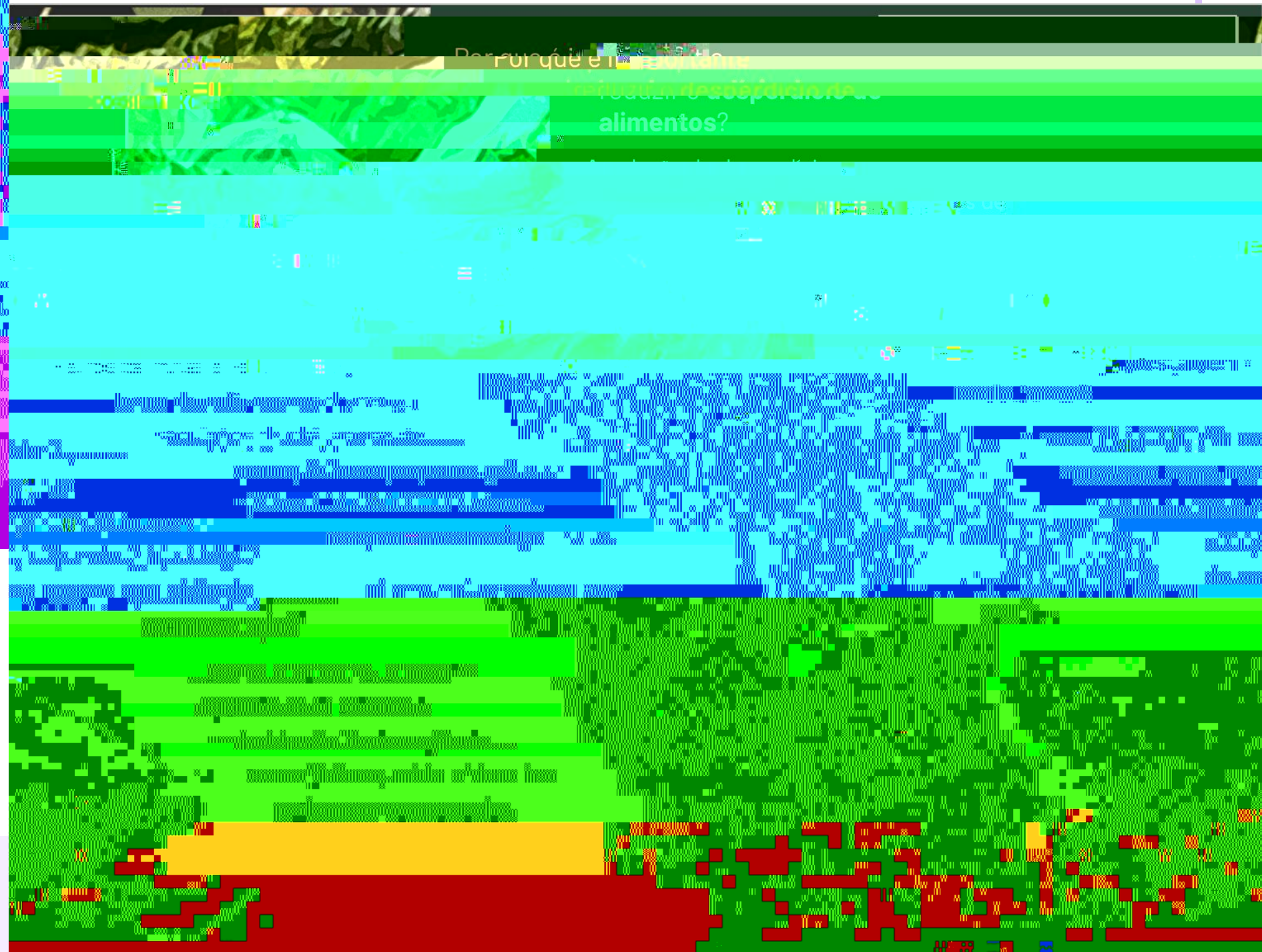


Spanish Translation

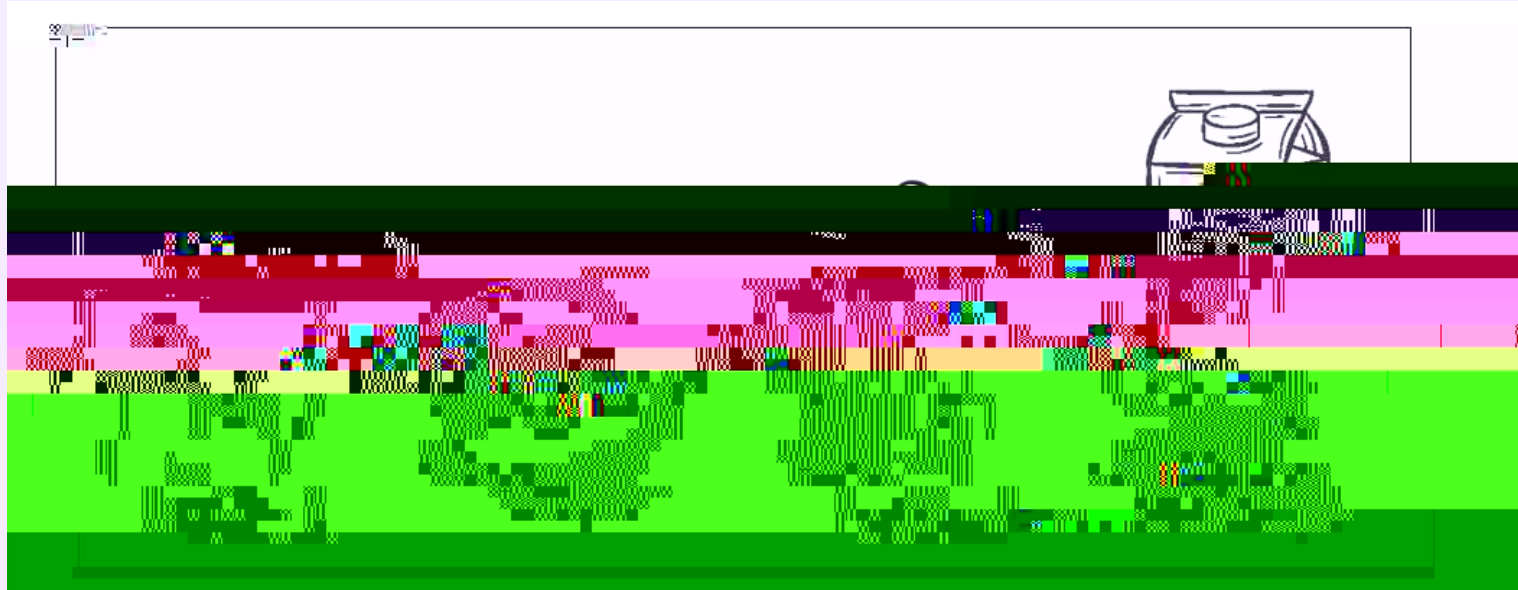




Portugueseu



Interactive Worksheet Activity:



A Special Thanks to...

- Professor Mitchell for the continued help and support throughout the semester!
- Ms. Barrows for willing to incorporate our lesson plan into her classroom!
- Gean Grobe at Black Earth Composting!
- Miranda Hotham, Worcester Zero Waste Coordinator
- everyone at the Donelan Office of Community Based Learning, Teaching, and Engaged Scholarship.

and everyone who helped with our translations, specifically Khoa Kennedy for the Vietnamese translation and Jacqueline Dominguez for the Spanish translation!