

Team Name:

Teacher Name:

# Green Heart Action Plan

## Problem Definition/ Problem Statement

People buying a lot of food from things like takeout or buying food from the store in general and not eating it then throwing it away from either not wanting it or it going bad and becoming uneditable. We know this is a problem because rotten food releases methane (a greenhouse gas) which is bad for the environment and planet and also stated from the University of Notre Dame. This problem affects the whole planet as greenhouse gases trap heat in earth's atmosphere. We feel like this is an important problem to address because greenhouse gases result in global warming and climate change.

## Root Cause of the Problem

People buying a lot of food from things like takeout or buying food from the store in general and not eating it then throwing it away from either not wanting it or it going bad and becoming uneditable.

## List at Least Three Credible Resources that Support Your Problem Statement

<https://www.nd.edu/> (notre dame)

<https://www.coldhubs.com/>

<https://www.epa.gov/>

## Proposed Solution

A proposed solution is to have local communities be given compost bins to put food that isn't good any into compost and have trucks that either already collect compost to add routes to the communities and neighborhoods in Dekalb or get new trucks for these communities and neighborhoods. Just for another solution, food that is not rotten yet but is on the verge can be solved by donating to the homeless or to animals. You actually do this in your household especially if you have dogs who eat lots of things.



## How We Will Measure Our Success

A way to measure success is to weigh trucks to see how much compost they have on them to determine how much food waste we are saving from messing up the earth.

## Who are Decision Makers We Need to Reach

The school board of dekalb,  
Small business that are centered around compost  
Waste management

## Our 3-5 Step Plan for Change

1. Find ways to get money or help in order to give the community compost bins
2. Reach out to other people or small business that are also doing the same or similar solutions to help us with are problems
3. Find ways to transport compost from communities to farms
4. Track our progress and continue to help our communities

## Impact & Equity

People in apartments don't need what people in houses have for compost. People in houses can use larger bins which makes it easier for them and while people in apartments use smaller bins that people can carry which would be easier for them.

## What Help We Need to Be Successful

Money will definitely be an issue in our solution to be successful, and I think this can be solved with the help of small businesses who fight for the same cause who may help us, especially since we are trying to solve the same problem. Government power maybe a stretch but would be great deal of help.

