



# ReWear

**Big Idea:** Sustainable Use

**Essential Question:** To what extent does textile waste contribute to climate change?

**Anirudh G, Saanvi J, Saranya S, Aarav S**

South Fayette High School

McDonald, PA, USA

***34 Billion* pounds of textiles  
are discarded to landfills  
each year.**

# Engage

- Chose this problem due to its relevance
  - Modern issue that needs to be combatted
  - Found many everyday examples of clothing wastage
- Currently undergoing crisis
  - “Fast Fashion” of modern era → Easily discarding clothes
  - Landfills suffering consequences

# Engage



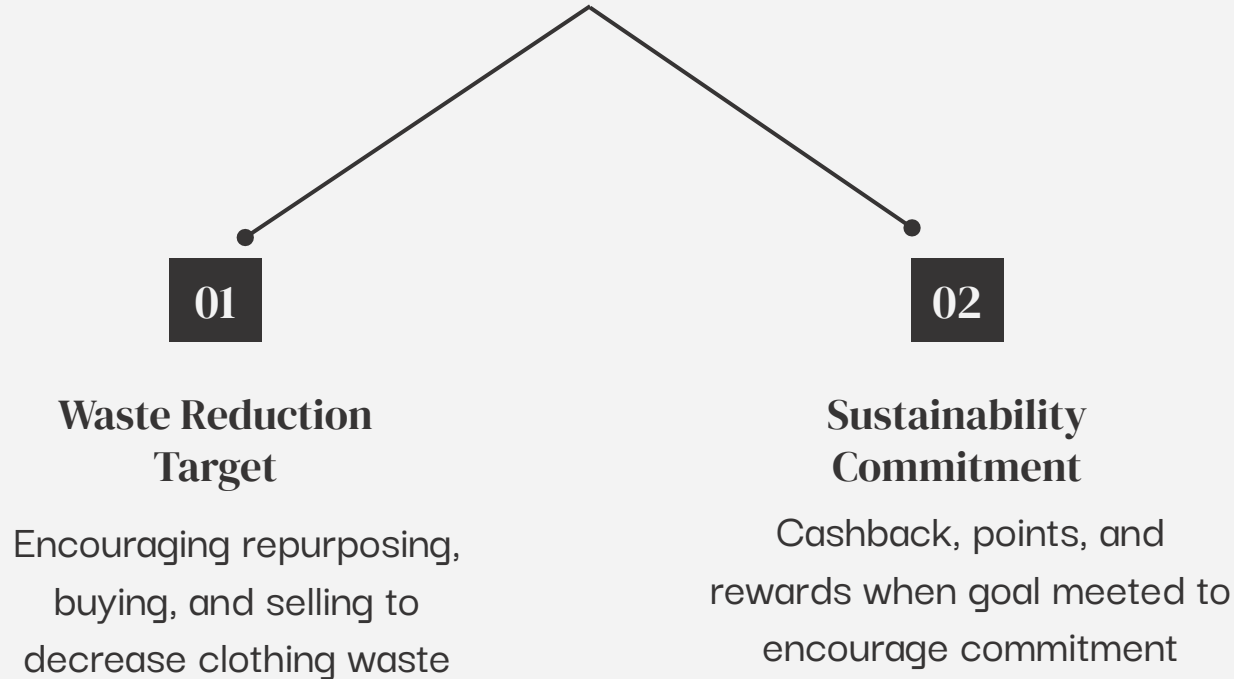
Going from a landfill of waste to a landscape of opportunity

# Investigation

- “Fast Fashion” results in high consumer demand
  - Driving factor in clothing waste
- Many individuals do not know how to reuse, reduce, recycle
- Need to provide general public with sustainable ideas
  - **Reuse:** Repurposing craft ideas
  - **Reduce:** Buy *unwanted* clothes to reduce excess spending
  - **Recycle:** Sell or Donate unwanted textiles

# Action: Creating app inspired by learnings

## Rewear: Fashion that Gives Back



# Action

01

## Donation Centers

Interactive Map of nearby clothing donation centers

04

## Repurpose

Ideas to use unwanted clothes for crafts and creative works



## Sell

Contact other users to sell your unwanted clothes

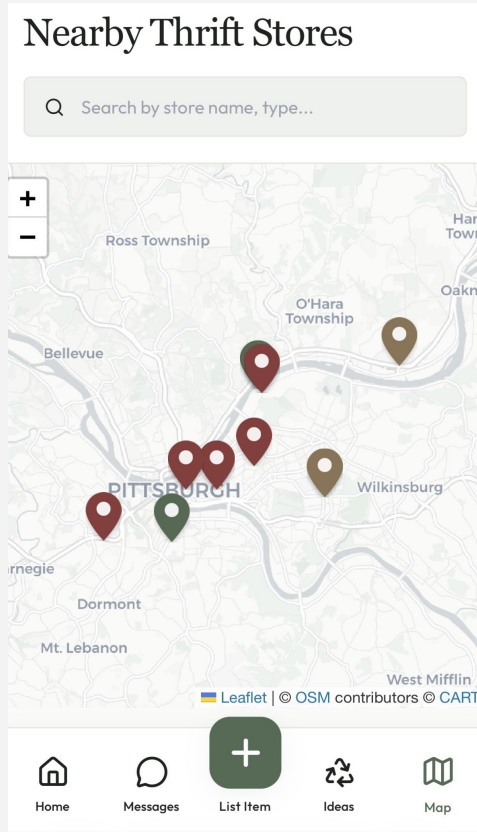
02

## Buy

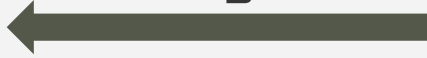
Buy unwanted clothes to reduce excess spending at clothing stores

03

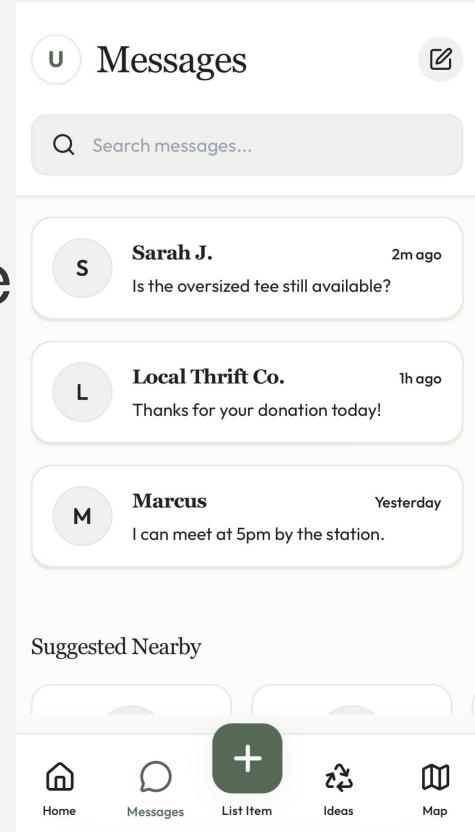
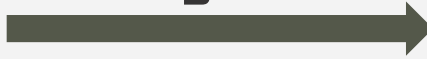
# Action



Donating Feature



Selling Feature



# Action



Oversized Knit Sweater **\$30.00**

SELL

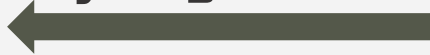
EXCELLENT

Chunky cream knit sweater. Sustainably sourced wool blend.

About the Seller

Buy Now for \$30.00

Buying Feature



Repurposing  
Feature



## Repurpose Ideas

Q Search for an item, e.g. T-shirt...

### T-Shirt Pillowcase

Turn a t-shirt into a pillowcase by cutting off the sides and sewing or tying it together.



### T-Shirt Headbands

Cut strips of fabric and braid them together to make a stretchy, boho-style headband.



Home



Messages



List Item

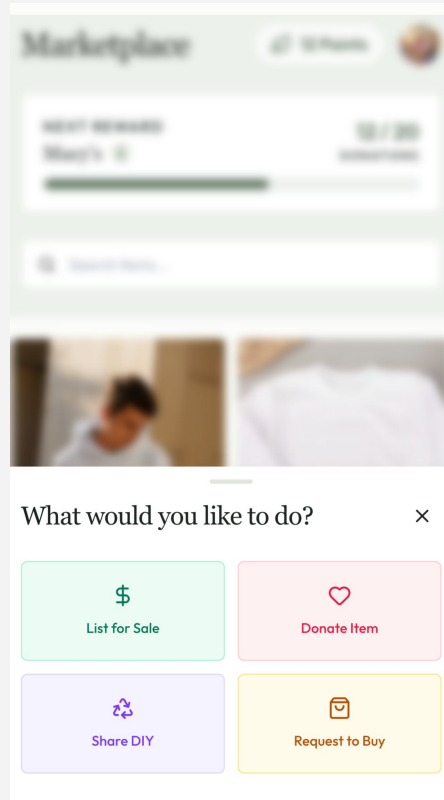


Ideas



Map

# Action



Community  
← Marketplace

# Impact

*1,000+ Views on ReWear!*

- Planning to market, enhance, and broaden scope in the future
- Helps promote and impact!