



# Patching Up On Sustainability





Can you think of an item in your closet that you've been dying to get rid of?

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We ask you to consider an amazing sustainable alternative to donating:

**UPCYCLING**





# Waste in the Fashion Industry

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- 97 million tons of waste annually [S, 2024]
- 87% of materials used to make clothing end up in landfills or incinerators [Ruiz, 2024]
- Textile waste harms biodegradability in landfills [S, 2024]
- Incineration contributes to greenhouse gas emissions [Ruiz, 2024]





## Waste in Secondhand Fashion

- In Southern Arizona, Goodwill industries peak revenue was \$50 million in 2023 [Zippia, 2023].
- Yearly, 700,000 tons of used clothing are exported overseas, 2.5 million are recycled
- Roughly five percent of donated clothes are directly sent to landfills, largely due to mildew issues [Porter,2023]



## Do It Yourself!

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- Only 1% of clothes get recycled into new garments - you can change that! [Ruiz, 2024]
- We are a group of students with little to no experience in upcycling, and we were able to create pieces we love out of unworn clothes



## Upcycling Resources

- Community sewing classes
- ASU's MakerSpace
- Community College Classes
- YouTube and TikTok

[That Sewing Place](#)

[Sewing Nuts](#)

[ASU MakerSpace](#)

[Maricopa Community  
College](#)

[Good Housekeeping  
on YouTube](#)







Patchwork Hat







Spliced Tee







Adding Embellishments





Adding Embellishments





New Styles





Splicing and Embellishing





Patchwork





Patchwork and Hand Sewing





## Impact Outcome

Upcycling on display!

Hands-on, demonstrative

Anyone can do it!







THANK  
YOU



# References

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