

# Recycle Monster



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## Goal:

To create a community that can properly recycle, is aware of what happens to their recycling, and what the environmental impacts are.



## Problem:

- Lack of awareness in where, what, and how to recycle
- People are not educated from a young age
- Unaware of where plastic goes and what happens when it is not recycled



# Lesson Plan Summary

For elementary and middle school aged students

## Hands-On Activities:

- Students will go outside and pick up trash and recycling
- This is done once a month to keep track of data trends
- Students will bring recycling in from home and make it something new
- Students will play a "Is this actually recyclable" game



## Engage student's empathy:

- Talk about how recycling affects others
- Talk about how it affects animals (show pictures)



## Project Approach:

1. Research recycling process
2. Research improper recycling
3. Contact recycling industry experts
4. Contact with WPI STEM center and a teacher for guidance on a lesson plan

Plastic waste from packaging makes up **61%** of Post-Consumer materials

Every person is estimated to produce **102 Tons** of waste in a lifetime



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Only **24%**

of all US garbage gets recycled or composted

**2/3**

glass and plastic containers are trashed



**Educating people about recycling will increase awareness and proper practices and decrease negative environmental impacts**

### References

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Photos: <https://www.wwf.org.uk/get-involved/schools/oceans-and-plastics>  
<https://ipfw.org/forestwatch-teams-up-with-boys-and-girls-club-of-santa-barbara-to-clean-up-la-cumbre-peak/>  
<https://pixabay.com/photos/landfill-waste-disposal-garbage-6525289/>  
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