



RECYCLE RANGER

A CLIMATE SUPERHERO



The Climate Superhero

Tara was thrilled with her potted carrot plant and proud to be a "Fashion Fixer," a Climate Superhero. But she knew she could do more for the planet, so she decided to become a "Recycle Ranger" and educate people about proper waste recycling.

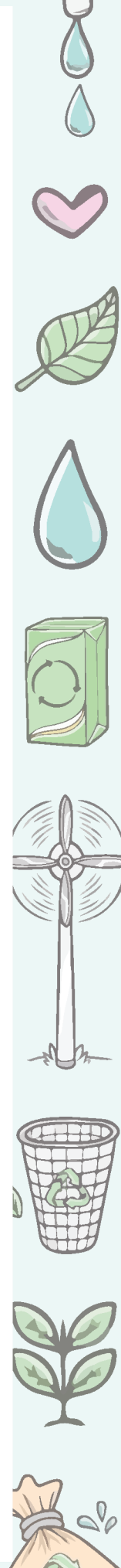
Tara began researching recycling and discovered that every year, approximately 11.2 tonnes of solid waste is collected globally. Most of this waste can be recycled, which would conserve resources like water and energy. Recycling one tonne of paper can save 17 trees and 50% of water. Recycling one kilogram of plastic can save 814 grams of carbon dioxide emissions.

However, to recycle, we need to sort plastic, paper, metal, and glass into separate recycling bins. Once sorted and cleaned, plastic can be shredded into flakes or melted into pellets, which can be molded into new products.

Hi!
I am Tara



Tara also learned that plastic is the biggest pollutant, damaging our oceans, wildlife, and sewers. Every year, up to 5 trillion single-use plastic bags are used worldwide. Tara realized that carrying your own bag was the best way to reduce plastic use.



Her grandmother used to carry bags made from recycled clothes, which inspired Tara to follow in her footsteps. Tara also suggested using refillable water bottles instead of throwing away plastic bottles.

Tara decided to share her ideas with the children in her class and neighborhood. She made a list of the topics she wanted to discuss.



New Words

- 1. **Resources**- materials or substances that are useful or valuable.
- 2. **Recycling**- the process of collecting and reusing materials that would otherwise be thrown away as waste.
- 3. **Refillable**- able to be refilled with liquid or other substances.

Find other new and interesting words for each other, and write their meanings in your notebooks.

Comprehension

- 1. What made Tara happy?
- 2. How much solid waste is collected each year globally?
- 3. How many trees can be saved by recycling one tonne of paper?
- 4. What are the steps to recycle plastic waste?
- 5. How many single-use plastic bags are used globally each year?
- 6. What is clogging our sewers?
- 7. How do we know that Tara's grandmother lived an eco-friendly lifestyle?

Take turns to make more questions like these above for each other and answer them.

Prompts Pair up

- 1. **Create Your Own Recycling Center:**
Set up a small recycling center in your classroom or at home. Gather separate containers for plastic, paper, metal, and glass. Decorate each container with images and labels to indicate what type of waste belongs in each bin. Educate your classmates about proper waste sorting and encourage them to participate in recycling efforts.
- 2. **Upcycle Plastic Bottle Challenge:**
Both of you collect one or more empty plastic bottles and come up with a creative way to repurpose them into something useful or decorative. Ideas could include making a bird feeder, a pencil holder, or a planter. Share your upcycled creations with the class and discuss the importance of reducing plastic waste and finding new ways to reuse items.

Watch the video on recycling using the QR code.



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