



Qatar Independent Preparatory School



Recycling

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Introduction

We decided to choose this topic to know important things of recycling to our environment , and uses of recycling so in this research we want to find :

- Importantance of recycling.
- Uses of recycling.
- What the disadvantage of recycling.
- some examples of recycling.

An illustration of a woman and a child participating in recycling. The woman, on the left, is wearing an orange tank top and a red headband, and is holding a blue recycling bin filled with various items like a green bottle, a red can, and a white cup. The child, on the right, is wearing a yellow long-sleeved shirt and is holding a blue recycling bin. The background is a green field with a large yellow sun and a pink butterfly.

Our research questions

Our main question

Why is recycling important?

Subsidiary questions

What is the disadvantage of recycling?

An illustration of a diverse group of people, including children and adults, in a classroom setting. The scene is filled with people of various ethnicities and ages, some holding books, suggesting a learning environment. The background is a soft, light-colored wall with a window showing a view of the outdoors.

How we chose our sample?

- We chose 5 girls from different class {7,8,9} and different 5 teachers.

How we collected our data

- I handed out questionnaires.
- I conducted interviews.
- I asked my interviewees the same questions.

Ethics

- Thought carefully about questions.
- Informed Consent.
- Anonymity.
- Confidentiality.
- Data storage .

How we analyses our data(1)

Questionnaires: We read all the answers and converted it into quantitative data

- we entered our data into Excel and then converted our data into graph.**

Questionnaire

question

answer

What do you think about recycling?

Do you know what it's all about?

Do you think its healthy to use recycling materials in your life why?

Interpreting the graph

We see that teachers know many things about recycling more than girls.

The girls used many materials that Ben recycled more than teachers.



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Information from internet.



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where does our recycling go??

When you place your recycling on the curb do you ever wonder where it goes? First of all, it gets picked up by a recycling truck and is taken to a nearby

Transfer station for more sorting.

The recycling trucks in San Mateo County go to one of five transfer stations: Blue Line Transfer Station in South San Francisco, the San Carlos Recycling Center in San Carlos, Green Waste Recovery in San Jose, San Bruno Garbage Company in San Bruno, or the Coast side Recycling Yard in Pacifica. At the transfer station, all the different types of materials are carefully sorted both by machines and people.





How are materials recycled once they leave the transfer station?



Paper..
Paper is mixed with water to create pulp. The pulp is de-inked and passed through a screen, which removes contaminants like glue and staples and flattens the pulp. The pulp is then squeezed between two rollers to remove the water and make new sheets of paper.



Aluminum..
Aluminum is melted and cleaned. The melted aluminum is poured into molds making massive aluminum bars called ingots. These ingots are rolled into new sheets of aluminum used to make new cans. One can recycled saves enough energy to power a TV for three hours.



Glass..

Glass is broken into tiny pieces and mixed with silica sand, soda ash and limestone, then melted. The molten glass is blown into molds to make new containers. Glass can be recycled over and over and doesn't go down in quality



Plastics

First of all, #1 plastics are separated from other types of plastics. All plastics are washed and cut into tiny pieces and contaminants such as glue are removed. These pieces are melted and turned into tiny plastic balls called pellets. Pellets from #1 plastics are made into beverage containers, carpeting and fiber used to make fleece. Other types of plastics can be made into new bottles, plastic lumber and toys.



What we would do differently if we do this again

- We would set up recycling bins in our school and monitor if students used them effectively.
- We would try to make a presentation at school about Recycling.
- We would collect data from girls at different Independent schools.
- We would create an educative website on recycling.

Sources

We got information from different websites. •

<http://www.epa.gov/recyclecity/> •

<http://www.recycling/guide.org.uk/> •

<http://www.opviously.comrecycle/> •