

Name: _____

Plastic is everywhere! It is hard to imagine a world without plastic, however, if we want to make some changes, we need to start now. Any major change cannot happen without you! The more you know about your plastic consumption, the more you will be able to help out your planet.

Complete the plastic consumption table to calculate how many plastic items you consume daily, you will then collect data on your peers and yourself to see if there is any correlation between recycling habits and plastic consumption using a bivariate data table.



Step 1: Calculating your plastic consumption

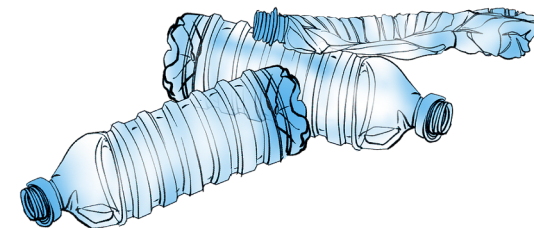
Item	weekly Frequency	Annual Total (x52)
Plastic Bottles		
Plastic Cups		
Straws		
Cotton Swabs		
Plastic Resealable Bags		
Cling wrap		
Plastic Silverware		
Disposable Food Containers		

Item	Monthly Frequency	Annual Total (x12)
Food Packaging		
Plastic Shopping Bags		
Cleaning Containers		
Toothbrushes		
Toothpaste		
Medicine Containers		
Feminine Products		

Total of Annual Products used: _____

Daily Average of Annual Products used (total products/365): _____

Do you Recycle Regularly:
Yes/No



Data Collection:

Use this sheet to collect data on your classmates, you will need to identify whether or not they recycle regularly and what their daily average consumption is. You will then need to use this data to create a bivariate table based off of your findings.

Recycle (Y/N)	Average Daily Plastic	Recycle (Y/N)	Average Daily Plastic

Number of students who recycle regularly: _____

Number of students who do not recycle regularly: _____

Group Average: _____

Number of students with average daily use greater than the group average: _____

Number of students with average daily use less than the group average: _____

BIVARIATE DATA TABLE

1. what conclusions can you draw based about people that recycle regularly based on the bivariate data table?
1. what conclusions can you draw about people that do not recycle regularly based on the bivariate data table?
1. what do the averages reveal about the two populations?