



03. ANALYZING THE SITUATION

M2U2P3

ANALYZING THE SITUATION

- To identify what is the real problem in our environment we need to analyze the situation around us
- If we analyze it we will be able to fix the problem easier
- One of the ways to analyze is to use the 5W1H method



5W1H METHOD

- It is a way of analyzing the problem

Question	Explanation
What?	What is the problem?
Who?	Who gets affected by the problem?
Why?	Why is the problem happening?
When?	When did it happen?
Where?	Where did it happen?
How?	How to fix it?



PROBLEMS AROUND SCHOOL

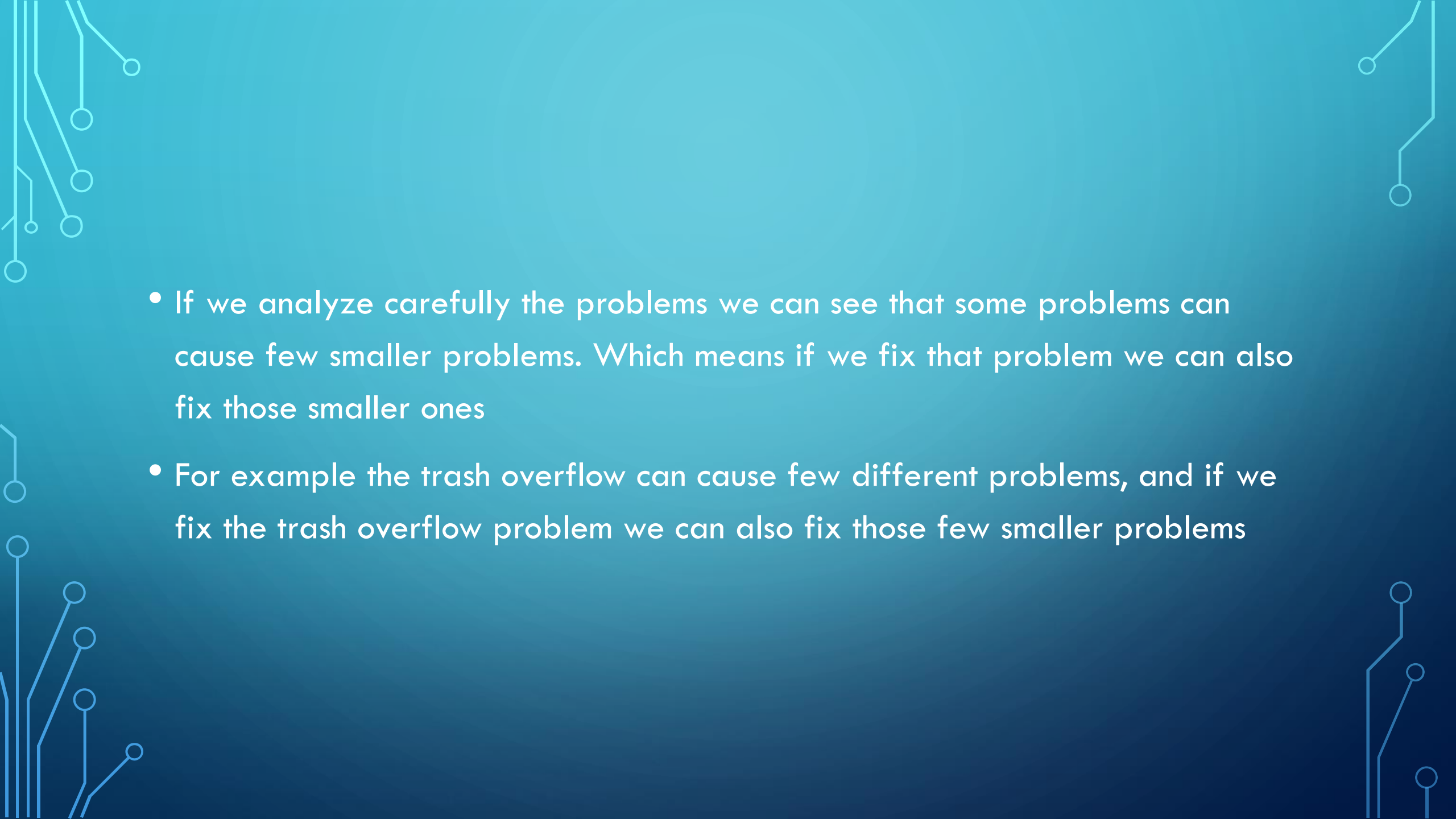
- There are a lot of problems that happen around the school that affect our environment
- For example:
 - Trash cans are too full
 - Waste water in the canteen
 - Food waste
 - Bad smells in the canteen



PROBLEMS AROUND SCHOOL

- All these problems affect our health and our time spent in school
- If we consider problems in the most schools, the one that is most common is that the trash can is too full
- In next example we will show how to fix the problem using 5W1H method

Problems with trash in school	Why it happened?
Overflow	People throw too much trash, not enough trashcans, nobody empties them
Stinks	The waste inside started to degrade (spoiled food)
Flies	Flies get attracted to the smell

- 
- The background is a dark teal gradient. In the corners, there are decorative white line-art patterns resembling circuit traces or neural network connections, with small circles at the end of the lines.
- If we analyze carefully the problems we can see that some problems can cause few smaller problems. Which means if we fix that problem we can also fix those smaller ones
 - For example the trash overflow can cause few different problems, and if we fix the trash overflow problem we can also fix those few smaller problems

WHAT SMALLER PROBLEMS CAN AN OVERFLOWN TRASHCAN MAKE?



5W1H METHOD ON OVERFLOWN TRASHCAN

5W1H	Problem of trash overflow
What	The trash cans are too full
Who	Everyone in school throws the trash in the cans (students, teachers, staff...)
Why	Too much trash, not enough trashcans
When	It happens everyday, mostly around breaks and lunch time
Where	Around trashcans, areas where people relax, canteen
How	Find the way to reduce the size of trash so there will be more space in trashcan, make less trash

The background is a dark teal gradient. In the corners, there are white line-art graphics resembling circuit traces or data paths, with small circles at the end of the lines. These graphics are located in the top-left, top-right, bottom-left, and bottom-right corners.

HOW TO SOLVE THE TRASH PROBLEM?

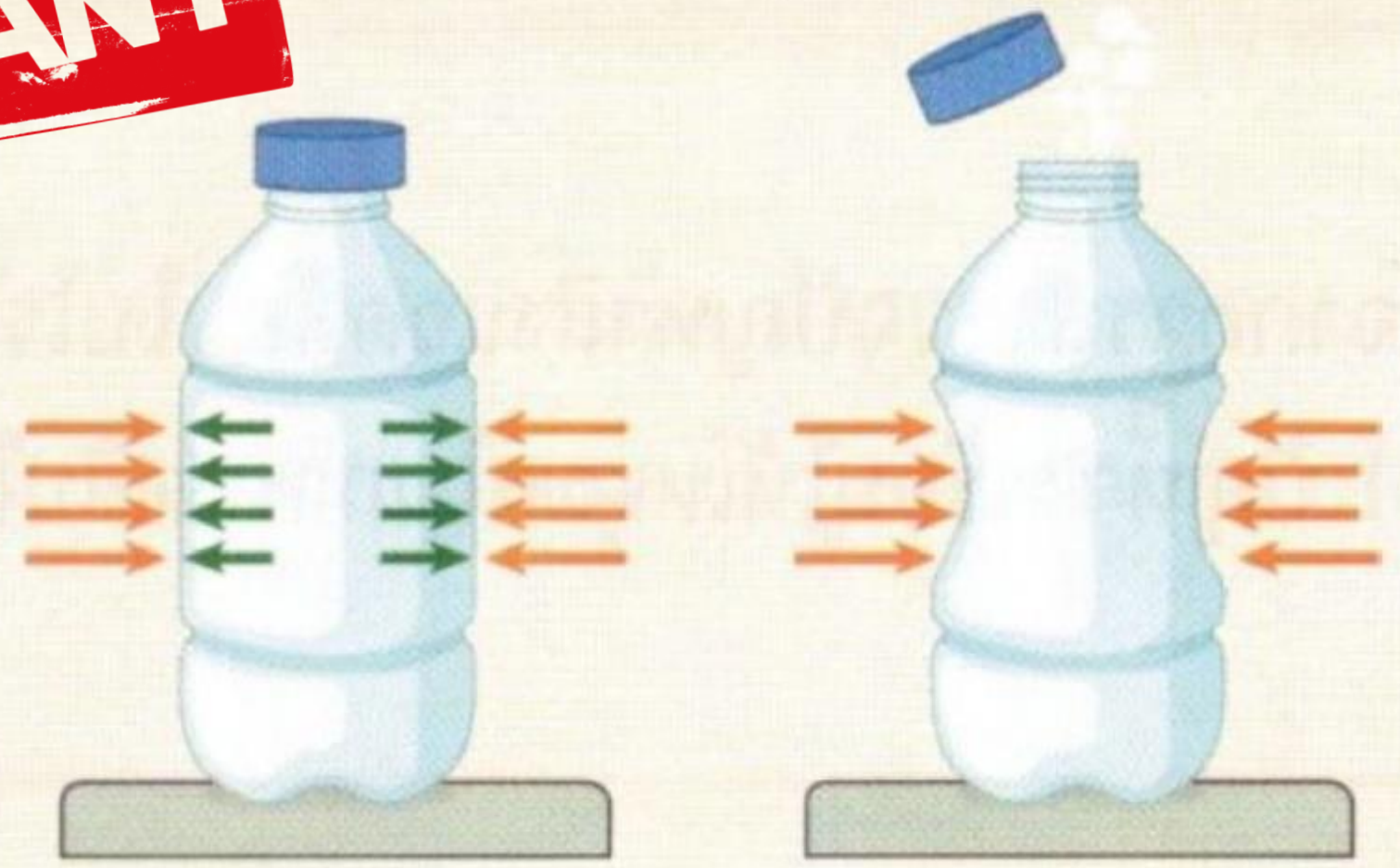
WAY 1:

- The cause of the problem is that there is a lot of trash inside that is big, and that has air inside
- For example: plastic bottles, juice packs, glasses...
- So to make more space we can crush them to make them smaller



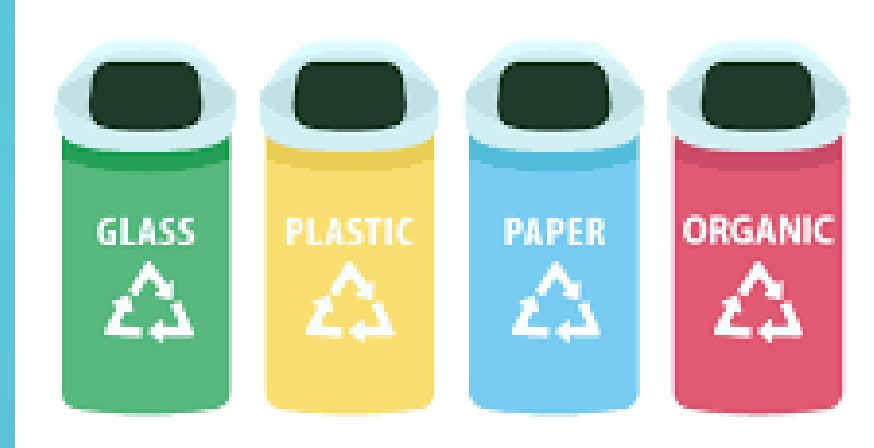
IMPORTANT

- Don't forget to open the bottle before you try to squeeze it 😊



← แรงดันอากาศในขวด
→ แรงดันอากาศนอกขวด

WAY 2:



- Another way would be to reduce the amount of trash
- And to use special trashcans for different type of waste
- We can make a campaign about how trash affects our lives and how we can reduce it
- The reason we need to reduce it is because even if we have different types of trash cans we will still have a lot of trash



ANY QUESTIONS?

THE END