

Plastic pieces

Amira:

I have an empty lunch box here let's put some plastic pieces inside.

Simon:

You guys do that. I'm gonna get back to our stuff. It's really too muddy here

Narrator:

The children take their bikes and drive to the University of Bielefeld. The professor stands in the laboratory with laboratory glasses and has various containers and equipment in front of him. Just now he opens a ton from which white steam rises and puts a small vessel inside.

When the children knock on the laboratory door, he gets frightened and almost push the barrel of the table and went to the door to the children.

Professor:

Oh children you have frightened me.

Amira:

We collected plastic pieces in the Obersee and wanted to ask if you can help us to investigate them to find out who threw them in the lake.

Simon:

If the turtles eat them, they will die!

Professor:

Which turtles?

Amira:

Be quiet Simon!

Emma:

Can we look at the plastic pieces with a microscope?

Professor:

That is a very nice idea, let's try that.

Narrator:

The professor gets the children lab coats and protective goggles. Then he goes around a table to a microscope and places the plastic pieces into a transparent dish, switches the light of the microscopes and look inside. What the professor sees you find on the treasure map.

Professor:

Very interesting..yes..yes..very interesting.

Amira:

Can we have a look?

Professor:

Go ahead, go ahead.

Narrator:

Amira, Emma and Simon crowd around the microscope.

Simon:

So I see pitch black!

Amira:

You turned off the light Simon!

Simon:

Ah now I see it too: white and a little grey.

Emma:

I think that's more blue Simon.

Amira:

White and blue, interesting but with that alone we can't find the culprit.

Professor, do you have an idea how we can continue?

Professor:

I now see two possibilities for you: either you search further after the culprit or help me with my new project to develop something that breaks down plastic so that it does not get into the environment.

Narrator:

Do you want to find the culprit, or do you want to find a way to remove the plastic? Go further to **find the polluter** or **break down plastic**.