

Microplastics: small pieces of plastic (<5mm) in length, that occur in the environment as a consequence of plastic pollution. very persistent in the environment and accumulate in different ecosystems. It is considered an emerging issue and requires an extensive research into the consequences for human health.



Image source: <https://oceana.org/>

SOCIAL NECESSITY

- DETECTION OF THE NECESSITY:**
The silent threat of microplastics is a latent danger → it needs to be incorporated into education.
- DESCRIPTION OF THE ENTITY:**
Ribot i Serra institute is categorized as a center of maximum complexity. 70% of students are foreigners, conditioning at a low academic level. This project has been worked with the students of 2nd of ESO B.
- OBJECTIVES:**
To make students understand and internalize the current problems of microplastics in order to modify bad habits.

Image source: <https://www.ecoticias.com/>

SERVICE DESCRIPTION

The service was divided into **4 activities** adapting the work to the students and asking the right questions for these.

Objective → to work in a transversal way dealing with the problem of microplastics from food.

Activity 1: EXPOSITORY SESSION



→ awareness and reflection on the impact of microplastics.

Activity 2: GAME



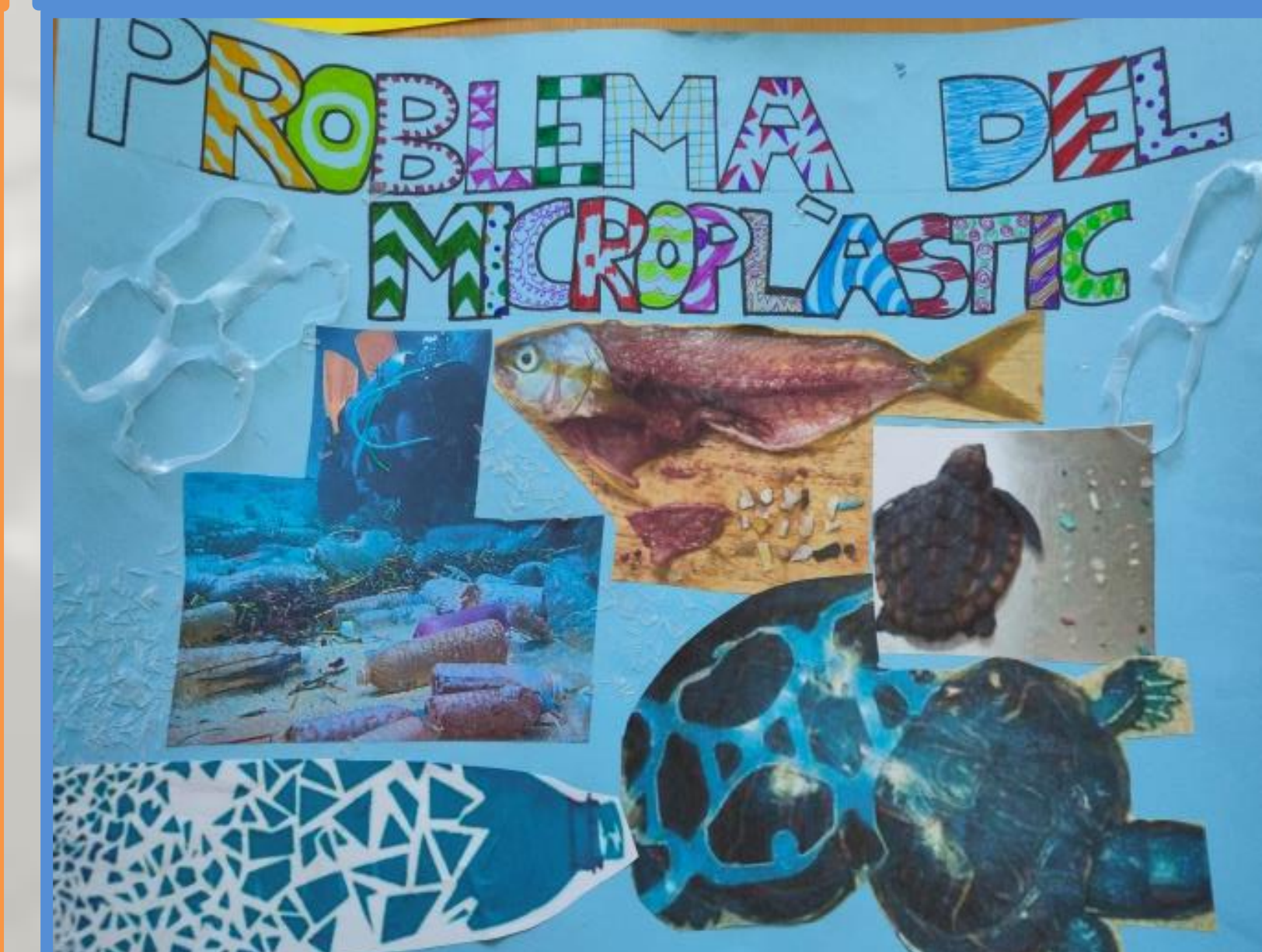
→ dig deeper into the presence of microplastics in food.

Activity 3: POSTER

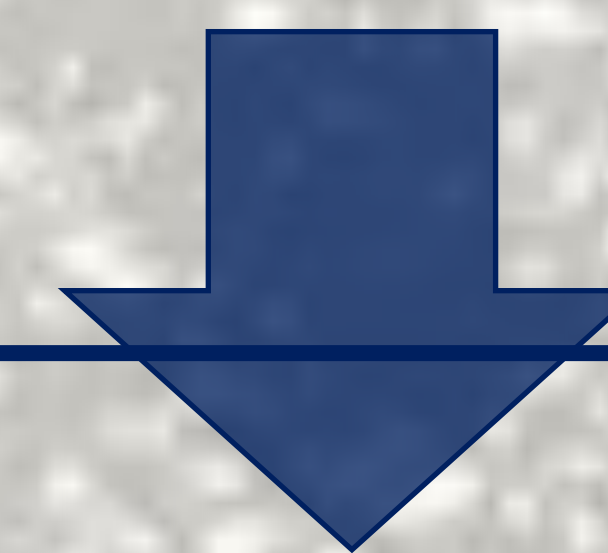


→ to express the knowledge acquired and to stimulate the creative capacity.

Activity 4: EXPOSITION



→ evaluate the knowledge acquired.



REFLEXIONS

The students of Ribot i Serra institute were able to understand the current situation of microplastics and their repercussions.

“The streets of my African village are full of plastic and no one picks them up and people keep throwing them on the ground”

“I’m from Afghanistan and we don’t have sea there, but we have a lot of plastic”

“Why we continue using plastics knowing what they cause?”

“Why people are not better aware ?”

“Why doesn’t come out on the news all these stuff that is not visible to the naked eye but it is there?”

“Why in my country this problem is not explained? ”

The problem of microplastics doesn’t understand of borders and cultures. A joint solution adapted to the conditions of each country must be considered.