



Group School Mobility
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Institut Guillem Catà
Manresa



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SUSTAINABILITY AT ITT MALAFARINA »»

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INTRODUCTION

Nowadays we often hear about sustainability issues and we can also get sustainability news from big commercial entities stating their proposals about going to make their companies more sustainable but many of them don't actually do anything to change. Our school, ITT Malafarina, is trying to improve itself to become more sustainable in different ways.



WHAT THE SCHOOL DOES

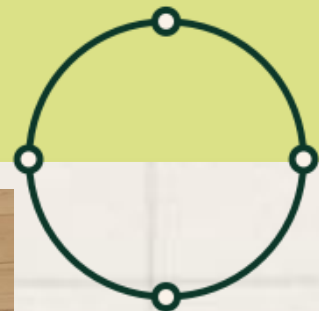


WASTE SORTING

In our schools we don't get educated only about scholastic subjects, but both the professors and the school workers take some of their time to explain and teach us about a very **important subject**: the waste sorting, Thanks to this we actually help the disposal companies, because if they have all the waste arranged according to the material they are made from they can easily get all of it and **recycle it to make new items**.



WHAT THE SCHOOL DOES



DOMOTIC HOUSES

Inspired by the **eco-sustainable buildings** present in Institut Guillem Catà our school built two similar ones. They are powered by solar panels, and are also endowed with electric car charging pumps.

Here our Electronics course students can learn how clean energy is made by sun, water, wind and more by using **avant-garde equipment**.



WHAT THE SCHOOL DOES



SuperScienceMe PROJECT

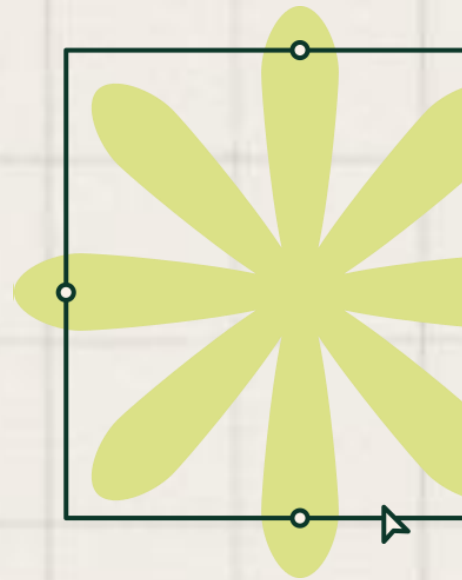
Last year, the fifth-year classes of our institute won a prize in the **SuperScienceMe project**, which was hosted by the University “Magna Graecia” in Catanzaro.

Collaborating with Business Economy Researcher Monica Giancotti in the economic and legal area, one of the activities, *A Sustainable Presentation of a Sustainable Business Project*, consisted of four meetings finalised to create a Business Plan concerned about **Sustainability and Innovation**. Our students' target was to create a Startup Agency that **recycles cigarette stumps** to create 3D printer filament, a material that could be used to create something useful.



OUR PROPOSALS

Our personal suggestions that could make the school more sustainable



1 REDUCING PLASTIC: WATER DISPENSERS

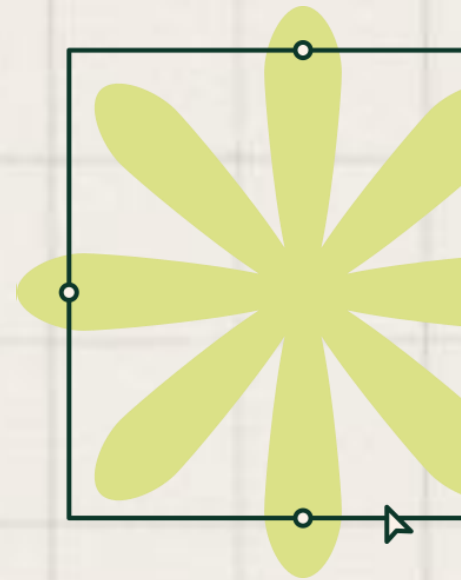
In our school at least 80 water bottles are bought from the vending machines every day, producing so much plastic waste.

Deciding to put some water dispensers instead and therefore inviting the students to bring their own reusable bottle would not only reduce the plastic waste but would also result cheaper.



OUR PROPOSALS

Our personal suggestions that could make the school more sustainable



2 NEW LESSONS TO RECYCLE AND REUSE

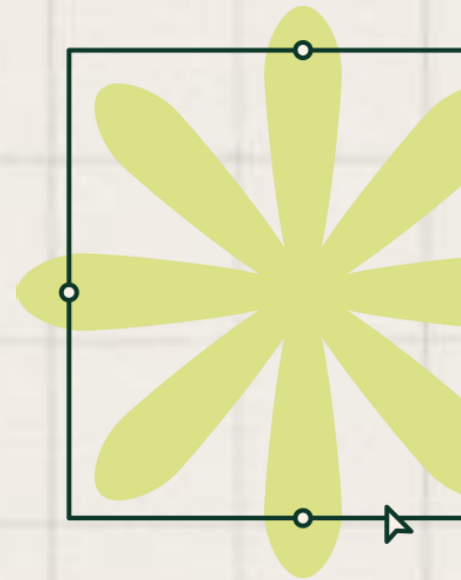
It would be a great thing if the school introduced a day where, with industry experts explain the importance of recycling and reusing so that more people could understand how important it is.

By recycling and reusing we can avoid the production of new material and, with it, the creation of new waste. We can also give a new life to something that would be transformed into trash.



OUR PROPOSALS

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3 USING SUSTAINABLE PRODUCTS

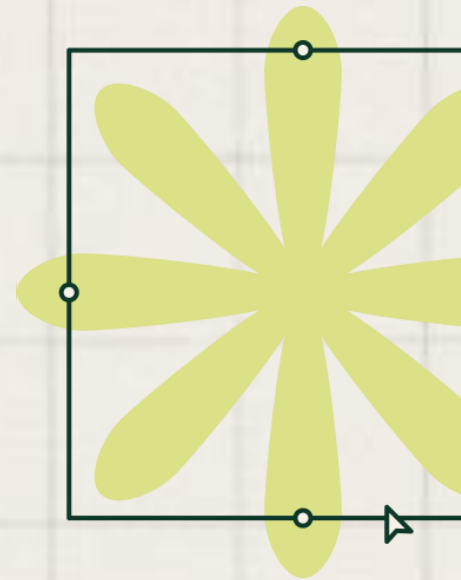
To keep classrooms, labs and hallways always clean, the janitors use a lot of material. Using sustainable products would be a better choice to reduce the waste and would also be safer for the students and the school staff.

These products are characterized by such qualities as biodegradability, low toxicity, reduced packaging, and low life cycle energy use.



OUR PROPOSALS

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4 SCHOOL GARDEN AND GREEN AREAS

Gardens and green areas are important because trees help improve air quality and provide coolness on hot days.

Also gardens and green areas improve the school environment, promote the physical and mental well-being of students and help reduce stress.

We could promote a project through which students take care of them.





THANK YOU

FOR YOUR ATTENTION

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