





ACTIVITIES DONE DURING THE SCHOOL YEAR 2020/2021

INSTITUT MOLÍ DE LA VILA, CAPELLADES

This course has been clearly starred by the Covid 19 pandemic. Continuous home confinement and return to the classroom have not allowed the normal continuity of a school year. This has meant that priority has been given to trying to overcome the consequences due to intermittent lessons, which could be both face-to-face and virtual lessons, and synchronous, with half of the students in the classroom, face-to-face and half of the students receiving virtual classes in their home, at the same time as the others. This complexity has meant that the activities of the ecocommittee, and those derived from the Erasmus+ project, did not begin until the middle of the second quarter.

10th **November, 2020**. Fifth meeting with ADEAC, Eco School's representative office in Spain. We remember all the actions done so far and explain the plan to work on the issue of energy saving. We, also, expose the current difficulties due to the pandemic and make it clear that priority is given to other curricular contents.

14th February, 2021. The eco-committee reviews the audit of energy consumption in the school

18th **March, 2021**. A competition begins between the students of 3rd level of secondary school to promote, through different presentations, the consumption of alternative energies.







22nd **March, 2021.** "Firajocs". The students of 1st level, taking advantage of the inertia of the previous year on reusing materials, and within their Science project, organized a fair where they could play with games made by themselves with reusable materials.





From the 4th to the 8th of May. Virtual days on energy saving. Organized by Turkey partners. These days replace what would be C6 mobility.

The activities, following the established <u>program</u>, consisted of a series of video conference presentations, via the zoom platform, and after that, working, all together, on alternative energies, basically solar and wind energy. Collaborative activities were held to see what had been learned; different kahoots and finally a padlet were developed among students from different participating countrie to make energy saving proposals at the school.

To see more information, take a look to C6 e-diary







25th **May, 2021**. Exhibition of posters and infographics made by 1st year high school students on the different alternative energies





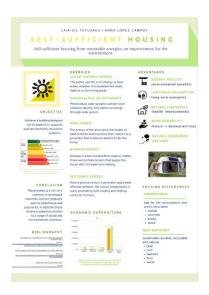
1st June, 2021. Debate in the eco-committee. Why aren't renewables being implemented?



7th June, 2021. Exhibition. Beyond energy: sustainability. An exhibition of posters also made by 1st year high school students, which considers the effects of the use of fossil fuels, and the consequent greenhouse effect that cause, and at the same time, the climate change they give rise to which can affect the fauna and flora, highlighting some endangered species. On the other hand, the problems of overpopulation are also considered.

9th **June**, **2021**. Eco-committee proposals. They elaborate posters about self-sufficient housing and the circular economy (green economy)

For more information about this exhibitions you can see here





15th **June, 2021**. 1st year students finish their project about environmental sustainability, by hanging nest boxes that they have built themselves. They hang them from the surrounding forest trees with telescopic tweezers that they have also built themselves. Apart from that, the first year students also continue to take care of the kitchen-garden throughout the course.





Apart from all these activities, **the management of the center** is committed, throughout the course, to making permanent changes that contribute to energy savings. And it does so in two ways:

1.- Changing the heating system. Before there was a single boiler that ran on diesel with 83% efficiency. There are currently 3 condensing boilers, which run on natural gas and are modulating, so when the system detects that the return water is already hot it reduces its power, resulting in much more efficiency. Its yield is 101% if it works with water below 50°C.

2.-Gradually replacing normal spotlights with LED technology lights.

Finally

22nd June, 2021. Last meeting with ADEAC. They value all the work done collected in three reports, one for each course, and congratulate us. They show their surprise at the benefits of being able to work on the ecoschools' own methodology together, with other countries.

9th **July, 2021**. We receive the certificate as we have obtained the green flag as well as the green flag, physically.





We value very positively all the dedicated effort and we are grateful for the help of all the students who have participated in this great project, teachers, parents, members of the ecocommittee, management team, students, teachers and coordinators of the Erasmus+ project: "little steps make big difference, together we care of our home", as well as the support and involvement of the Councillor for education and the Mayor of Capellades.

We hope that the effects of this project will continue over time.