



“Water” you doing?

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Type of activity

Service-Learning (ApS) educational project integrating scientific experimentation, environmental awareness, and social commitment. The activity consists of the design and implementation of science-based experiments on water, carried out by students across all educational levels, as part of a structured interdisciplinary and interlevel program. It is framed within the school curriculum and aims to connect learning to real-world problems, fostering sustainability and community engagement.

Target educational level

From Early Childhood Education (age 3) to Upper Secondary (age 16), involving all stages of the school.

Information entry

This experience was implemented during the Semana del Agua (Water Week) at Colegio Marista Champagnat in Salamanca (Spain) from March 17 to 21, 2025. The activity emerged from the confluence of three key factors: (1) a past project developed in the school (We Are Water), (2) an international learning mobility held in Mexico with partner institutions and NGOs addressing water-related health problems, and (3) the strategic educational objectives of the school, which include environmental sustainability, student leadership and active methodologies.



The Week involved teacher training, interdisciplinary coordination, and structured sessions in which older and younger students shared scientific experiments related to water. A total of, approximately, 1000 students and more than 80 teachers participated in the initiative. The goal was to raise awareness, encourage responsible habits, and foster social commitment by connecting scientific learning to real-life global issues.

Despite occasional awareness campaigns, long-term change in student behavior regarding water use was limited. Additionally, the school community became aware—through international collaboration—of real and urgent water-related health issues in other parts of the world. This revealed a dual problem: the need to sustain awareness over time and the need to connect learning to meaningful global contexts.

Source

https://maristassalamanca.es/etiquetas_noticias/somos-agua/
<https://www.facebook.com/p/Asociaci%C3%B3n-Da-Una-Esperanza-de-Vida-100064320176930/>

The Strategic Educational Plan of Colegio Marista Champagnat, aligned with the principles of the Marist educational mission and the goals of the Erasmus+ GIRLS project.

Problem statement

A water week was proposed to teachers and Primary and secondary students. They must prepare together some physics experiments related to water. After this, students must calculate the water consumption in a year.

Solution

A comprehensive Service-Learning project was launched including:

- Teacher formation in scientific content and active methodologies.



- Student-designed and student-led experiments demonstrated across peer groups in all educational levels.
- Strong intergenerational learning component, where older students taught younger ones.
- Use of visual self-assessment tools and quantitative monitoring indicators (e.g., water consumption per student).
- Integration of the project into the school curriculum (Science, Mathematics, Language).
- Collaboration with external partners (USAL, UVAQ, NGO) and internal school teams (Eco2Social, InnovaPlus, Solidarity).
- Alignment with the UN's Sustainable Development Goal 6: Clean water and sanitation.

During the water week at school, students calculated the water consumption (m³/student) during the current academic year:

- Water consumption in a year (m³/student) = 3.31.

The ANNEX details the experiments conducted with the school's teachers and students, as well as the courses in which they were carried out.