Tour

Operació Aigua (Water mission)

Knowledge of the natural, social and cultural environment

6-8 years old



Description

The Museum hides a treasure: underground water. Discovering where the water from Central Cornellà comes from is a very special mission that we can solve with the help of some characters from outer space. The clues that they will leave us will help us solve the riddle and interpret the different elements and the operation of the industry.

Once we have discovered how to get water to the population, we will consider, through a board game, what are the priority uses of water and what habits can help us save it.

ACTIVITY GOALS

→ **Identify the different sources of the drinking water**, in this case the aqüifer and the river, to understand their natural origin.

→ Analize the **different stages of the process of extracting water** from the aquifer, as well as the machines used, making a comparison of the differences in the process in the past and today.

→ Realize the **difficulty of obtaining enough water to cover all the needs of the population**, understanding that water is a scarce resource that should be used responsibly.

→ Learn to **share and cooperate** between people and teams in order to achieve common goals.

SDGs





Capacity: class group (25-30 students)

Duration: 90min

Schedule: 10h i 12h

Museu de les Aigües

ADDITIONAL RESOURCES

Through education, we want to advance towardsa more sustainable ant respectful society with the environment, which values the importance of water in our lifes. For this reason we propose you to continue learning about water with the digital resources of the Museu de les Aigües. more adapted for this age gap.

Explore the Llobregat river

A game in game movie format to learn about the importance and ecosystem of the Llobregat River. (Only in catalan)

https://www.museudelesaigues.cat/activitats/explora-el-riu-llobregat/?educativa=true

Storyteller “La Pepa, la bassa i l’aigua”

Follow Pepa's adventures to discover the importance of water in the lives of all living beings, including us, and its presence in nature and in our lives. (Only in catalan)

https://www.museudelesaigues.cat/activitats/explora-el-riu-llobregat/?educativa=true

Educational activities for your digital visit to the museum

Reflect on your visit to Museu de les Aigües and show what you have learned about the role of water in sustainable development, promoting biodiversity, achieving the SDGs, and your way of life. (Only in catalan)

https://www.museudelesaigues.cat/activitats/activitats-educatives-visita-virtual-museu/?educativa=true

Aqualogia

Aqualogia is a learning program made of games and interactive apps with which you can comprehend the Urban Water Cycle.

https://www.museudelesaigues.cat/activitats/aqualogia/?educativa=true

El Racó de l’Aigua: a science proposal.

Water has some really interesting and surprising properties for children to discover. It offers a real-life context in order to develop scientific work in early school years.

https://www.museudelesaigues.cat/activitats/el-raco-de-laigua/?educativa=true

The water factory at schools. A Tinkering project.

We bring you closer to the Museum's digital Tinkering project, where we propose addressing the present and future challenges linked to water, using the tinkering methodology.

https://www.museudelesaigues.cat/activitats/la-factoria-de-laigua-escolar/?educativa=true

Learn how to take care of water and how to use it sustainably. A formative program.

With this formative program composed of 6 phases, you can deepen your knowledge about water.
Each of this phases is meant to contribute to specific knowledge about water, its relation with nature, people, technology and history.
The goal is to raise awareness and build responsible behaviours.

https://www.museudelesaigues.cat/activitats/aprendre-cuidar-aigua/?educativa=true

BOOKINGS INFORMATION

- ➜ Please check availability in advance and make a booking (93 342 35 38).
- ➜ Please Inform us in advance if any of your children have special necessites, we will work in order to offer you and adapted activity.
- ➜ Inform if you come with a special educational needs group, we will work to adapt the activity you have chosen.
- ➜ Please be as punctual as possible on the day of the activity.

Museu de les Aigües