Tour

Aigua i població

Water and population

16-18 years old



Description

What do the sink tap, the fridge and a light bulb have in common? Beyond drinking it, water is also linked to the food we eat and the energy we produce.

Central Cornellà is part of the industries necessary for the daily functioning of the city of Barcelona. But the relationship between water and the basic supplies for urban life does not end here: a look at Catalonia reveals large urban concentrations, major infrastructures, Mediterranean rivers... This overview serves to contextualise the site, function and original steam installation of the Cornellà Power Station, and to link land use with the needs of the population, economic and industrial activity, and the geographical space.

ACTIVITY GOALS

→ Identify the water supply needs of a population centre, in order to understand the demand.

→ Relate the city's water consumption to people's needs, distinguishing between direct and indirect water use.

→ Learn about the pumps and other facilities at the Cornellà plant, to understand their role in the water supply process, appreciating the complexity of the different stages.

SDGs



Capacity: class group (25-30 students)

Duration: 75min

Schedule: 10h & 12h

Museu de les Aigües

ADDITIONAL RESOURCES

Through education, we want to move toward a more sustainable and environmentally respectful society that values the importance of water in our lives. For this reason, we invite you to continue learning about water with the museum's digital resources best suited for this age group:

Water: the driving force of the city

A four-episode documentary serie will show the challenges of managing the integrated water cycle, explained by people that participate in the process.

https://www.museudelesaigues.cat/activitats/docuserie-aigua-impuls-ciutat/

Water science

In "Water science", the scientist Dani Jiménez will challenge you to try some experiments that are thought to have a good time with your family. You will discover some water propierties and the scientific method.

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

Educational activities for the virtual Museum visit

Remember your visit to Museu de les Aigües and show what you have learnt about water, sustainable development, biodiversity and SDGs.

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

Educational activities for the virtual ETAP visit

Participate in these virtual interactive activities that are a perfect complement to the virtual visit through the Drinking water treatment plant in Sant Joan Despí. You will learn how to make drinking water!

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

24/7/365 The complexity behind having tap water

Thanks to this game you will discover infrastructures, people and all the necessary tasks that are ncesessary to supply water to more than three milion people, 24 hours a day, 7 days a week, 365 days a year.

https://www.museudelesaigues.cat/activitats/24-7-365-la-complexitat-de-tenir-aigua-de-laixeta/?educativa=true

Origin, save the water

"Origin, save the water" is an interactive comic in which you decide how to continue the story. The challenge? Help two teenagers in their adventure to return water to their home.

https://www.museudelesaigues.cat/activitats/origen-rescatem-laigua/?educativa=true

The millennium challenge

A puzzle game about SDGs and their connection to water. A starting point to learn about SDGs, which are part of the commitment that almos 200 countries accepted and that they can be applied individually, collectively, at school, at home... All of us play an important role.

https://www.museudelesaigues.cat/activitats/repte-millenni/?educativa=true

BOOKING 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 any specific needs, we will work in order to offer you and adapted activity.
➔ Please inform us 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.

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