Workshop

Formes de l'Aigua

El relleu i el paisatge

The shapes of water - relief and landscape

Knowledge of the natural, social and cultural environment

10-12 years old



Description

Water is in rivers, lakes, and seas, but its effect on the landscape goes far beyond. With a rhythm so parsimonious that goes unnoticed, ice, the force of torrents, the meandering of larger streams, sediments, or groundwater infiltration leave their mark across the entire geography.
In this workshop, we can replicate these processes and establish relationships between the phenomena and their effects. The activity is organized into small groups that, working autonomously, will manipulate the materials, observe the results, and discuss the conclusions, while also introducing the factor of human intervention on the environment.

ACTIVITY GOALS

→ Consider **conducting experiments** as a representation of **reality**, with the objective of obtaining extrapolable results.

→ Understand that the **landscape** can be **modified by different types of agents** and that water is a very important one, observing how it modifies it.

→ Differentiate the **three courses of a river** according to their main action: upper course—erosion, middle course—transport, lower course—sedimentation, to understand the **action of water on the landscape**.

→ Foster **cooperative work** to achieve a common goal, promoting the creation of shared learning.

SDGs



Capacity: class group (25-30 students)

Duration: 90min

Schedule: 10h i 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:

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

Aqualogia

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

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

The Millennium Challenge

A puzzle game about the SDGs and their connection to water. A starting point for learning about the Sustainable Development Goals (SDGs), which are part of the commitment accepted by nearly 200 countries worldwide and can be applied individually, collectively, at school, at home, and beyond. We all have a role to play.

https://www.museudelesaigues.cat/activitats/aqualogia/?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

The science of water

In "The science of water", scientist Dani Jiménez challenges you to try a series of easy experiments designed for a fun family activity session, exploring the properties of water and the scientific method.

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