

C-OLORS

A workshop with the Grandma of Chemistry

Participatory workshop
on scent distillation
and art for children and
seniors





THE WITCH

01

The smell is pure science in action. It cannot be seen, it cannot be touched, it cannot be heard, but it accompanies our days and stimulates the oldest and most complex of our senses. Smell has aroused the curiosity of researchers and has inspired artists throughout history. One of them is the woman who wondered for the first time 20 centuries ago:

“

What do I do to see smell?

*How can I materialize this invisible
and impalpable element?*

”



María of Alejandria, the mother of alchemy, therefore the wise grandmother of chemistry, invented an object with which to trap the smell: **the alembic**.

In the workshop Alexandria's C-OLORS, Maria will show us how her star invention works, which is still used by so many to collect smells. In the laboratory, we will explore techniques to collect smells from the neighborhood and we will make them visible thanks to fluorescent paints and UV lights.

TOUCHING STONES

02

Alexandria's C-OLORS workshop is a brief walk through the sense of smell and its history. In it, participants will learn and experience the oldest technique to collect a scent in its laboratory version.



Then, after collecting their own scent, we will use these extracts to create odourous paintings. These paintings are a nod to another of Maria's inventions, glow paint, which when exposed to colored lights, and with 3D glasses, move around the room.

Pictures of the workshop in
La DOMUS, A Coruña

WHAT WILL THE STUDENTS LEARN?

The most important learning objective of the workshop is to **recognize smell as a present and important sense in our lives.**

In addition, to know the history of a woman scientist and her relationship with the most used technique for the distillation of odours.



Pictures of the workshop in La DOMUS, A Coruña

To understand the **process of odour collection** , and through it scientific concepts such as:



Distillation



Odour
molecules



Condensation



Basic
laboratory
techniques

STEAM theme: Science and Art

Target audience: 12 years old and up, adaptable to family workshop.

Duración: 1hr 30 minutes with a 20 minutes break.

Number of participants: depends on the space

Technical needs: space to be transformed into a laboratory, tables.

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