

ACTIVITY 3

Activity aimed at raising student awareness
of the role of women in STEM/STEAM

What are STEM/ STEAM?





ACTIVITY 3

4/6 sessions

This is a proposal to do as a group where students organise and reach agreements, find information online, extract relevant points and make a video

Skills developed

DIGITAL AREA

- Select, configure and program digital devices according to the tasks to perform
- Build new personal knowledge through information processing strategies with the support of digital apps
- Use basic fixed image, sound and motion image-editing apps for digital document productions

PERSONAL AND SOCIAL AREA

- Understand and implement strategies and habits involved in learning itself
- Develop skills and attitudes to meet learning challenges throughout life

CULTURE AND VALUES AREA

- Show attitudes of active respect towards others
- Apply the dialogue and exercise all the skills involved

ARTISTIC AREA

- Develop disciplinary or cross-disciplinary art projects, both individual and group
- Use artistic language elements to compose, leveraging tools and techniques specific to each area

Development of Activity

1. Organise the class into 12 groups (groups of 2 or 3)
2. Each group is assigned one of the posters and has to look up information on the website <https://www.cientificascasio.com/>
3. Based on this information, the group prepares a video on the scientist assigned to it.
4. The video must reflect the scientist's contribution to science and our day-to-day lives and the historical context of the place and time in which they worked.

Proposals to present the activity to students

- Imagine that a series has been made for screening on NETFLIX where the story develops around the scientist, her life and her contribution to science, and the producers want you to prepare the trailer for the series to announce the presentation on the platform and get a record audience tuning in to the series.
- An internationally renowned writer has written a novel based on real facts where the main protagonist is the scientist you studied and her contribution to science. You have to make a book trailer for the ad campaign to present the novel

THIS ACTIVITY CAN BE USED AS OUTREACH FOR THE FINAL PRODUCT TO THE REST OF THE EDUCATIONAL COMMUNITY, TO ORGANISE INTERPHASE PRESENTATIONS, POST NEWS ON THE SCHOOL'S WEBSITE, ETC.