

SCIENTISTS IN THE CLASSROOM

THE EDUCATION DIVISION OF CASIO SPAIN IS PROMOTING INTEREST IN SCIENCE BY FEATURING IMPORTANT WOMEN SCIENTISTS ON ITS CLASSWIZ CALCULATORS

We live in an increasingly global and diverse world where **equality is not achieved in most areas**. In science and technology, the gender gap is clear: according to UNESCO only 29%* of researchers worldwide are women. In Spain, the figure improves markedly, with 39% female representation in the scientific sector, but falls far short of the equality desired in an area traditionally dominated by men.

Science skills are becoming ever more important in society (see the **Sustainable Development Goals** in the **Agenda 2030**) and **we cannot afford to ignore women's insights**. Although 54.3% of all students in the Spanish university system are women, in technical degrees like engineering and architecture the figure falls to 25.5%, according to the Ministry of Education and Science**.

In this context, CASIO wants to do its bit by **providing female references for high-school students** who are at an age that makes them very sensitive to reflecting on their future and life in general.

Who hasn't had a CASIO scientific calculator? They're not called #classic for nothing ... The **scientific calculator** is an ideal teaching tool for STEM subjects and is used extensively in junior and senior high-school classrooms.

A TRIBUTE TO 12 FEMALE SCIENTISTS WHO CHANGED THE COURSE OF HISTORY

CASIO has reached out to 12 illustrators to choose their favourite female scientist and portray her. The illustrations will be printed on the shells of the CASIO ClassWiz calculators. 12 artists who leveraged their vision and creativity to contribute to the imagination of this group art project, adding "A" for "Art" to produce STEAM: Ana Galvañ (Ángela Ruíz Robles), Ana Juan (Hedy Lamarr), Cinta Arribas (Donna Strickland), Coco Escribano (Jess Wade), Conxita Herre-ro (Hypatia), Gema Rupérez (Maryam Mirzakhani), Julia Bereciartu (Ada Lovelace), Laura Liedo (Sophie Germain), Leire Bueno (Cecilia Payne-Gaposchkin), Nuria Ríaza (Chien-Shiung Wu), Raquel Riba Rossy (Marie Curie), Rita Cortês (Katherine Johnson).



Ana Sostres Remacha shows her work about Sophie Germain

PROMOTING FEMALE REFERENCES IN STEM SUBJECTS

With this action, CASIO is helping to reverse the historical injustice of the poor visibility of **women in the world of science, technology and maths**. It will also spark curiosity about the scientists and their achievements (sadly unknown) among students, **shatter gender stereotyping** in the field of science and technology and **encourage conversation in the classroom** on all these topics.

CASIO is also partnering with different organisations to promote scientific and technical vocations among children: the **11 February** initiative, the **Wisibilizalas** program run by Pompeu Fabra University, the **INSPIRA STEAM** mentoring project promoted by the School of Deusto, and Madrid-based publishing house **Principia**, specialising in illustrated science.

CASIO ClassWiz Women Do Science calculators will be sold in Spain start-ing 1 September under the name #cientificasCASIO.



For further project information (biographies of the scientists and artists, valuable content for the classroom, contemporary references, useful links, etc.) please see www.cientificascasio.com
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