

Scientix STE(A)M Partnership Education Resilience in Europe presents

# The Visual Mathematical Dictionary

## What is it?

*The Visual Mathematical Dictionary* is a freely accessible resource developed by the Department of Mathematics of the University of Luxembourg. The dictionary gathers mathematical terms in 26 languages and can be easily used by students when studying mathematics in a foreign language, as well as by teachers when teaching mathematics to students from different backgrounds.

## What's next for this project?

Thanks to the Scientix STE(A)M Partnership Education Resilience in Europe support, the Department of Mathematics of the University of Luxembourg plans to improve *The Visual Mathematical Dictionary* by:

- building a new interactive website for progressive learning;
- creating a new database for existing materials;
- developing more downloadable materials such as classroom posters and learning cards;
- enlarging the target audience by translating the existing mathematical terms into additional languages.

The new website, database and downloadable content will ensure further support to immigrant students and

teachers, allowing them to break down language barriers.

## About the Scientix STE(A)M Partnership Education Resilience in Europe

The Education resilience in Europe initiative, supported by the Scientix STE(A)M Partnerships and funded by Cisco, aims to identify, and support projects which address the challenges encountered while integrating students from different cultural and language backgrounds. The selected projects will develop best practices and provide tools for a smoother integration of students, and, finally, share the results with interested stakeholders.

[Scientix](https://www.scientix.eu) is the community for science education in Europe and its STE(A)M Partnerships promote collaboration between Ministries of Education, schools, teachers, and other stakeholders to develop research and testing initiatives for new approaches for creative and innovative STEM teaching and learning opportunities.

More information on the initiative:

<https://www.scientix.eu/projects/steam-partnerships/education-resilience>