



## EuroMath

Enhanced support to teachers and learners with visual impairments in inclusive educational settings.



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Want to know more?

Want to get involved, help us test our application or discuss further?

Visit: <https://euromath.eu>

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## What is EuroMath?

The EuroMath application is:

- A web-based application which provides accessibility mechanisms for teachers, vision-impaired and blind students
- It works on most modern web browsers, and on a large variety of devices

- It enables the teacher to create materials which are accessible for their blind and vision-impaired students, and for the students to communicate mathematics with their teacher

## Features

The main EuroMath application offers the following features.

- Creation of documents containing text, mathematical, and graphical objects saved in the EPUB3 format
- Text editing and formatting
- Creation of mathematical formulae using Braille, AsciiMath or Unicode
- Creation of graphics objects by sighted as well as blind/vision-impaired people
- Importing/Exporting Graphics in (SVG, PNG, JPG)
- Design of quizzes and tests including Single/Multiple choice and open questions
- Integration with external applications such as Desmos or GeoGebra
- Saving to the local computer, the Euromath repository of mathematical documents, or services such as Dropbox, Google Drive, or OneDrive

## Worksheet Collection

- Alongside the web-based application, we provide a collection of 300 samples of best-practice for teaching mathematics to blind/vision-impaired students
- Based on the Irish, Dutch and Polish curriculums
- Topics in the collection include Algebra, Data, Measurement, Shape/Space & Geometry and Number
- We aim to provide resources to help the teacher to foster creativity, problem-solving and other mathematical skills in their blind/vision-impaired students

