

SUPSI

# Open Access resources for teaching and learning mathematics



Figure 1. The [mama.edu.ti.ch](http://mama.edu.ti.ch) website collects materials for teachers and students.

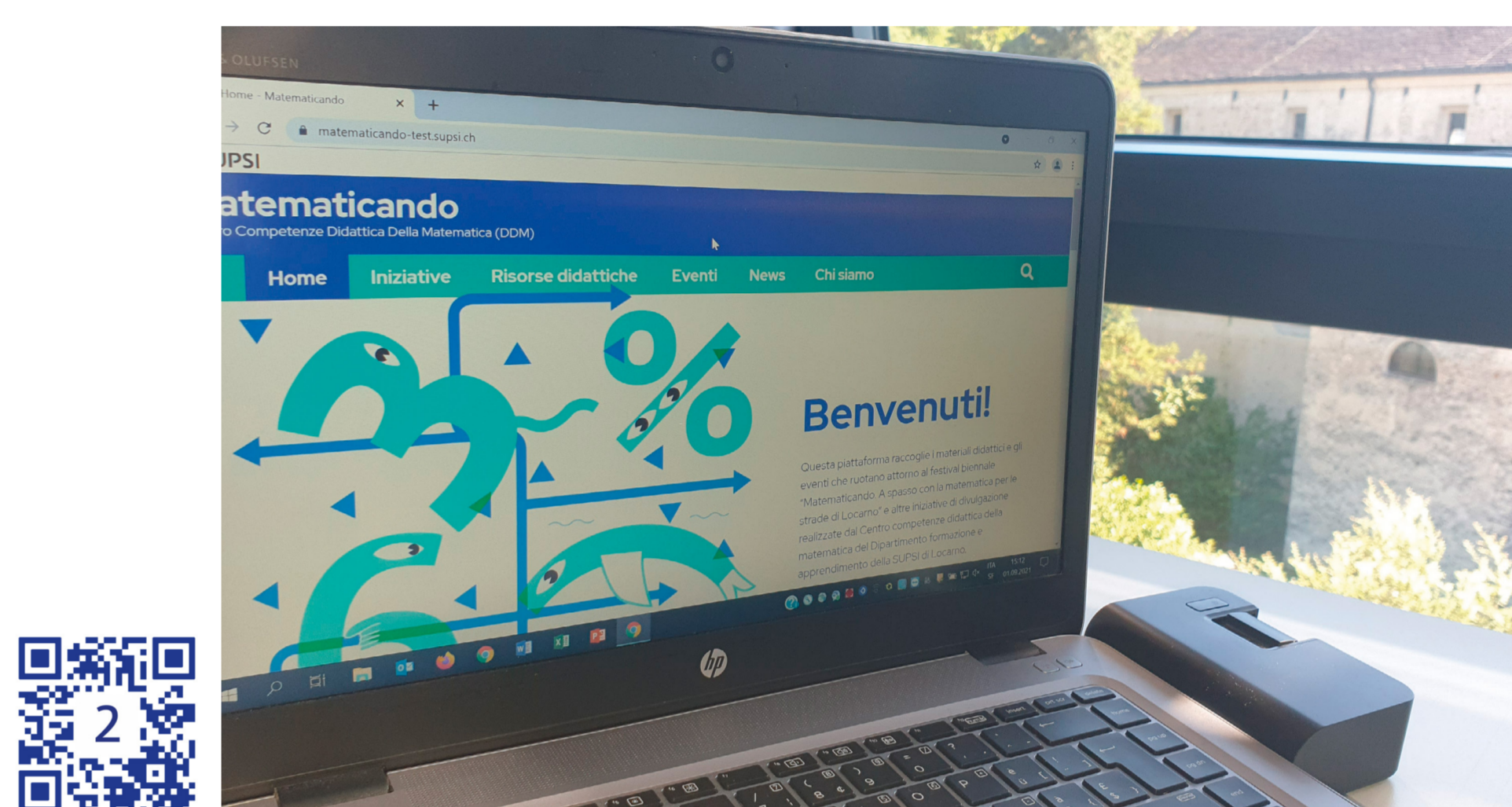


Figure 2. The [matematicando.supsi.ch](http://matematicando.supsi.ch) website promotes teaching resources, events and initiatives.



Figure 3. The [www.rivistaddm.ch](http://www.rivistaddm.ch) website hosts the DdM journal issues.

Research and dissemination projects carried out by the Competence Centre for Mathematics Teaching (DDM) of the SUPSI's Department of Education and Learning (DFA) are aimed at designing, testing and disseminating innovative didactic approaches for teaching-learning mathematics.

Three examples are chosen for their digital Open Access output.

## 1. *Matematica per la scuola elementare (MaMa)*

Commissioned by the Department of Education, Culture and Sport (DECS), the MaMa project aims to collect, review, create and disseminate mathematics materials from grade 1 to 5, in line with the *Piano di*

*studio della scuola dell'obbligo ticinese*. One of the project strengths is the possibility for teachers to freely access MaMa materials, edit and adapt them to their pupils' needs and skills. All the proposals can be consulted, organised into collections and downloaded from the website [mama.edu.ti.ch](http://mama.edu.ti.ch).

## 2. *Communicating Mathematics Education (CME)*

Funded by the SNSF Agora programme, the CME project with the aim of creating dialogue and dissemination around mathematics and research in mathematics education. The main project outcome is the [matematicando.supsi.ch](http://matematicando.supsi.ch) platform, which brings together all the

didactic resources and events fostering opportunities and spaces to meet parents, teachers, youth and the general public.

Although the project has ended, the site continues to be enriched with proposals and has been recently restyled to include other DDM's dissemination initiatives, such as those of the SNSF Agora project *Italmatica per tutti*.

## 3. *Didattica della matematica. Dalla ricerca alle pratiche d'aula (DdM)*

The DdM journal, promoted by DECS and DFA, is a six-monthly Open Access journal in Italian, which also accepts contributions in other languages.

The articles, available for free download from the website [www.rivistaddm.ch](http://www.rivistaddm.ch) hosted by OJS, are divided into three sections: Research and reflection, Teaching and learning experiences, Reviews, and contribute to the development and dissemination of reflections and research results, as well as to the diffusion of significant classroom practices.

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