



## **Dynamical and creative Mathematics using ICT DynaMAT**

Aim and objectives of the project:

To produce concrete examples, hints and good practices on how to apply dynamical ICT, and in the same time to develop effectively the dynamical thinking, reasoning and creativity of their pupils. We will tackle this situation with two approaches:

- a. show how the use of ICT can develop the visualization process,
- b. show how to make visual reasoning an acceptable practice in mathematics education in combination with algebraic reasoning.

Main target groups of the project

Pre- and in-service teachers of primary and secondary levels.

How does the project contribute to learning innovations and learning quality?

It shows possibilities of using dynamic ICT in teaching mathematics in a motivating way, without falling into the "ICT everywhere = good teaching" trap.

What are the main outcomes of the project?

E-book with materials; E-learning courses for teacher training; workshops for teachers; final conference; project website.

A short quote: What is most important for learning innovations & quality today?

To bridge the gap between existing motivating materials / teaching practices and rigid school reality.

More information about the DynaMAT project is at:

<http://www.dynamathmat.eu/>

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