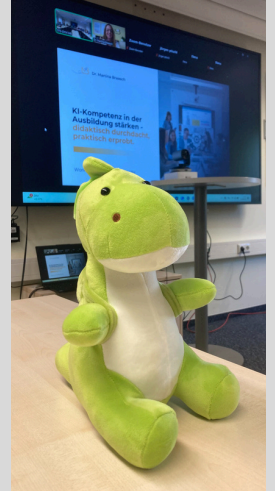


## Report on the AI Workshop at the Teacher Training College for Grammar Schools in Marburg



On September 23, a workshop on “**Artificial Intelligence for Teachers**” was held at the Studienseminar in Marburg, led by **Dr. Martina Braasch**. The aim was to strengthen **AI competence in teacher education** and to give trainee teachers practical insight into how digital tools can enrich classroom instruction.

After a brief introduction, the initial focus was on the **didactic dimension**. Under the guiding principle “Strengthening AI competence in teacher education – didactically well thought-out, practically tested,” participants explored how AI can specifically enhance **motivation** and **differentiation** in lessons. Special attention was devoted to **reflective practice** and to how AI can help prospective teachers critically examine not only their use of AI but also their overall lesson planning and instructional choices.



Particularly rewarding was the session on **prompt engineering**. Dr. Braasch explained how carefully formulated inputs (“mega prompts”) can produce high-quality AI results. Participants then worked in small groups to design and test their own prompts.

In the second part of the workshop, concrete **AI tools for classroom** use were presented. Practical examples demonstrated how applications for text generation, gamification, or automated assessment can be applied across a variety of subjects. By combining solid theoretical foundations with hands-on exercises, the workshop provided trainee teachers with valuable impulses for integrating AI responsibly and creatively into both schools and teacher training programs.

Finalis bis Sonntag

Dr. Martina Braasch | Unterricht digital bereichern

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Take a look at Dr. Martina Braasch's Instagram profile



## Review: Forum for Mathematics Educators 2025

On 27–28 August 2025, mathematics teacher educators met at the Weilburg conference venue to exchange perspectives on current developments in digital teaching and learning. The focus was on the use of generative AI in mathematics education and on the advancement of digitally supported teacher training practices.

In his lecture and workshop, Dr. Frederik Dilling (University of Siegen) highlighted practical opportunities and challenges of AI-supported learning processes. Participants developed their own AI agents and reflected on implementation options in teacher training and classroom practice.

The programme also offered space for collegial input, digital tools and an exchange on module design.

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