

Einladung zum Würzburger Mathematischen Kolloquium

Julius-Maximilians-Universität Würzburg • Fakultät für Mathematik und Informatik

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Giovanni-Prodi-Gastprofessor in diesem Semester

Designing mathematical tasks for students across the curriculum, adults' mathematical literacy, and generating MINT capability sets

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Raum SE 40, Mathematik Ost, Emil-Fischer-Str. 40, Campus Hubland-Nord

Inhaltsangabe:

Numeracy, known in other countries by terms such as mathematical literacy or quantitative literacy, is concerned with the use of mathematics to solve problems in the real world, that is, in personal, civic and work life. In the Australian context, numeracy is a General Capability within the national curriculum, which means students' numeracy development is seen as the responsibility of all teachers - no matter what subject(s) they teach. In this presentation, I will report on findings from an ongoing research program, underpinned by a rich Model of Numeracy for the 21st Century, that focuses on teachers' planning for the numeracy development of their students across the curriculum and, in particular, how they design tasks for this purpose. The presentation will conclude with a brief discussion of how the model of numeracy for the 21st century is: being considered in current work on developing the numeracy assessment framework for the Programme for International Assessment of Adult Competencies (PIAAC); and informs the STEM (MINT) capability sets underpinning a new national research and development project in Australia - Principals as STEM Leaders.



www.mathematik.uni-wuerzburg.de/kolloquium/



Zu diesem Vortrag laden wir Sie herzlich ein.
Im Anschluss an den Vortrag stehen Tee und Kaffee im Foyer vor dem SE 40 bereit.

Die Dozentinnen und Dozenten der Mathematik