

## **Sustainable mathematics teaching requires enhancing meaning-related language**

Mathematics learning is often not sustainable when students develop procedural skills without a solid base of robust understanding for mathematical concepts. For developing robust understanding, however, students with limited academic language proficiency seem to have challenges to participate in classroom practices of explaining meanings. In our MuM research group in Dortmund, we have collaborated with many schools to develop instructional approaches that can enhance both at the same time, robust understanding and the meaning-related language necessary to talk about meanings of mathematical concepts. In the talk, I will explain why enhancing language can be a catalyst for developing robust understanding, what language demands to focus and process how to enact substantial mathematical learning opportunities.