

Removing Boundaries to Mathematics learning: Can Psychology help?

Terezinha Nunes
Professor of Psychology, Oxford Brookes University

Different communities interested in mathematics education can work together to remove boundaries that prevent access to mathematics for certain groups and individuals. This presentation will focus on the role of psychology in describing children's learning processes. Following Piaget, I will argue that the origin of mathematical concepts is in the logic of actions. But this logic must be expanded and reshaped in the mathematics classroom for students to become successful mathematics learners. Examples will be presented to illustrate the process and case studies of groups and individuals with difficulty in learning will be discussed.

The power point presentation for this talk will be available from September 2001 on

<http://www.brookes.ac.uk/schools/social/psych>