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Measuring attitudes towards mathematics in early childhood and primary teacher education.

Kanes, Clive et al., Teaching mathematics in new times. Proceedings. Vol. 2. , (ISBN 0-9596844-7-6). 476-483 (1998).

Changes in attitude have been measured over a semester of mathematics in the first year of Early Childhood and Primary teacher training. The unit of study is not a curriculum unit, is taught by mathematicians and explores mathematical ideas and experiences. The Fennema-Shearman Attitudes Scale was used to measure changes in confidence, effectance motivation, and usefulness. Analysis of the results indicates a challenging outcome – the only significant change was a drop in their perception of the usefulness of mathematics.

Classification: C25