Table of Research Categories

This section is for your reference when completing the reviewer information or the proposal information for personal presentations. Reviewers will receive proposals for reviewing according to the research categories they mark when registering as reviewer. The proposals will be sent to reviewers according to the research categories that are marked by the submitting author.

Research Domains in Mathematics Education

01 Algebra and algebraic structures 13 Preservice teacher preparation
02 Arithmetic, numbers and operations 14 Classroom assessment
03 Calculus and functions 15 Educational evaluation and policy
04 Geometry, space and shape 16 Classroom interaction and discourse
05 Probability and statistics 17 Conceptual change and development
06 Imagery and visualization 18 Curriculum development and task design
07 Problem solving and problem posing 19 Teaching and learning with technologies
08 Proof, argumentation and reasoning 20 Tools, semiotics and gestures
09 Representations and modeling 21 Affect, emotions and attitudes
10 Teacher beliefs 22 Culture, language and multilingualism
11 Teacher knowledge and practice 23 Equity and gender issues
12 Teacher professional development 24 Special needs education

Grade Levels

01 Pre-School (age under 7, and teachers of this grade level)
02 Elementary (age 5-12, and teachers of this grade level)
03 Secondary (age 10-18, and teachers of this grade level)
04 Post secondary (age 16+, and teachers of this grade level)
05 Vocational education (and teachers of this grade level)
06 Adult education and out-of-school mathematics (and teachers in these contexts)

Types of Research

01 Qualitative/interpretative methods
02 Quantitative methods
03 Mixed methods
04 Theoretical/philosophical analysis