Readings in Mathematics Education

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General References


A good discussion of Piaget's theories. Possibly not directly applicable to college teaching, but the language and ideas of Piaget are used by many educators.


Now a classic, using the idea of learning hierarchies.


The basic book in cognitive science.

Mathematics Education - Books and Edited Collections.


A collection of papers on children's acquisition of mathematics.


Schoenfeld, A.H. Problem Solving in the Mathematics Curriculum. MAA Notes #1, Mathematical Association of America, 1983.


Educational Research and Teaching Techniques - A Short Collection of Papers


Noddings, N. Small groups as a setting for research on mathematical problem-solving. In E. Silver (Ed.) Teaching and Learning Mathematical Problem-Solving: Multiple Research Perspectives. See citation in preceding section.


Journals

Educational Studies in Mathematics

Journal of Research in Mathematics Education

For the Learning of Mathematics (Journal)

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