

**ZMATH 2013c.00225**

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**According to Davis: connecting principles and practices.**

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Summary: In this article, the author allows Robert B. Davis to state for himself his own principles concerning how children learn, and how teachers can best teach them. These principles are put forward in Davis' own words along with detailed documentation. The author goes on compare Davis' words with his practices. A single Davis video (Towers of Hanoi) is analyzed to determine if, and to what extent, his principles are evident in his teaching of this lesson.

*Classification:* C70 D40 C30 D20

*Keywords:* video technology; films; mathematical concepts; teaching methods; learning strategies; puzzles; mathematical logic; Robert B. Davis; Madison project; metaphors; assimilation paradigms; collaborative learning; readiness; discovery learning

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