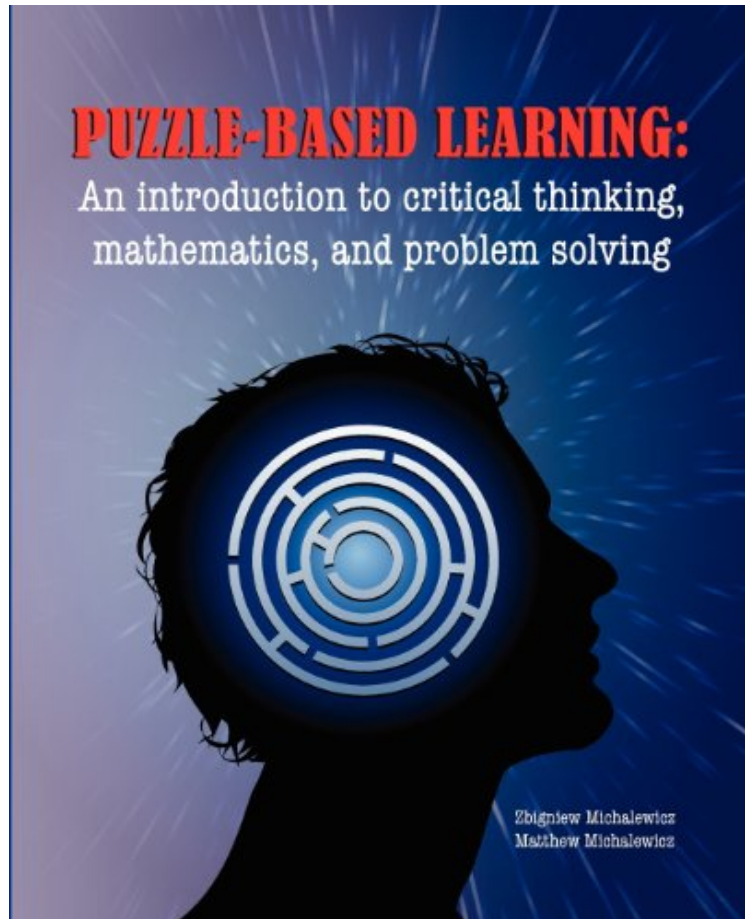


## Puzzle-based Learning: Introduction to critical thinking, mathematics, and problem solving

Matthew Michalewicz

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**Matthew Michalewicz : Puzzle-based Learning: Introduction to critical thinking, mathematics, and problem solving** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Puzzle-based Learning: Introduction to critical thinking, mathematics, and problem solving:

1 of 5 people found the following review helpful. Top-notchBy CREFIMAGAs an instructor on recreational maths, I'll will draw my inspiration from this marvelous book. I intend to translate it from English to French and Spanish, if not done already.

What is missing in most curricula - from elementary school all the way through to university education - is coursework focused on the development of problem-solving skills. Most students never learn how to think about solving problems. Besides being a lot of fun, a puzzle-based learning approach also does a remarkable job of convincing students that (a)

science is useful and interesting, (b) the basic courses they take are relevant, (c) mathematics is not that scary (no need to hate it!), and (d) it is worthwhile to stay in school, get a degree, and move into the real world which is loaded with interesting problems (problems perceived as real-world puzzles).