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Understanding risk through board games.

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Summary: In this article, I describe a potential avenue for investigating individual's understanding of and reactions to risk using the medium of board games. I first discuss some challenges that researchers face in studying risk situations. Connecting to the existing probabilistic reasoning literature, I then present a rationale for using board games to model these situations. Following this, I draw upon intuition and dual-process theory to outline an integrated theoretical perspective for such investigations. The article concludes with two vignettes demonstrating how this perspective might be used to analyze thinking about risk in a board game setting.

Classification: K50 M40 C30 K90

Keywords: risk; board games; probabilistic reasoning; research; risk-laden situations; intuition; dual-process theory; educational psychology; cognitive psychology; discussion during game; decision making
http://www.math.unt.edu/tmme/vol12no1thru3/06_Hertel.pdf