



# Reading Your Mind?

How does something the size of a yo-yo successfully play a game of *20 Questions*? Although its success tempts players to think that the device is reading their minds, it's not. This sophisticated toy uses mathematics such as probability and fuzzy logic, and mathematical objects such as matrices to determine your animal, vegetable or mineral more than 75% of the time.



Photo courtesy of Radica.



The **Mathematical Moments** program promotes appreciation and understanding of the role mathematics plays in science, nature, technology, and human culture.

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