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Let's play Plinko: a lesson in simulations and experimental probabilities.

Math. Teach. (Reston) 96, No. 9, 626-633 (2003).

From the introduction: In this article, we describe how we used Plinko to teach a group of high school students about simulations and experimental probabilities. These students were juniors and seniors in an advanced mathematics course that met for ninety-minute-long sessions. They were completing a unit on probability and game theory.

Classification: K54 K94 U64 U74

Keywords: games of chance; physical simulation; computer simulation; calculators; experimental probability; theoretical probability; law of large numbers; student activities; worksheets; teaching units; experience reports; educational media; teaching aids; manipulative materials; trials; favourable outcomes; upper secondary