

Rolling Tricky Dice and Discovering the Central Limit Theorem

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The Central Limit Theorem is a topic upon which the whole of traditional statistical inference is based. In this article, a student-centered, hands-on, cooperative group activity is described (and materials shared) to facilitate the discovery of this surprising mathematical and statistical result in a setting that does not require calculus.



Sean Rule has been teaching mathematics for over 20 years, 15 of them at Central Oregon Community College. He is constantly amazed at his students' questions, and, sometimes, they become articles like this one.