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Strayer, Jeremy; Matuszewski, Amber

Statistical literacy: simulations with dolphins.

Math. Teach. (Reston) 109, No. 8, 606-611 (2016).

Summary: In this article, Strayer and Matuszewski present a six-phase strategy that teachers can use to help students develop a conceptual understanding of inferential hypothesis testing through simulation. As Strayer and Matuszewski discuss the strategy, they describe each phase in general, explain how they implemented the phase while teaching their students the “Dolphins” lesson, and show how the phase aligns with teacher actions in [*National Council of Teachers of Mathematics, Principles to actions. Ensuring mathematical success for all. Reston, VA: NCTM (2014)*]. (ERIC)

Classification: K40 K90 M60

Keywords: statistics; statistical literacy; simulation

http://www.nctm.org/Publications/Mathematics-Teacher/2016/Vol109/Issue8/Statistical-Literacy_-Simulations-with-Dolphins/