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Curriculum Units by Fellows of the Yale-New Haven Teachers Institute
1985 Volume VIII: The Measurement of Adolescents

An Introduction to Statistical Thinking

Guide for Curriculum Unit 85.08.07
by Beverly Stern

“An Introduction to Statistical Thinking” has three sections. Section I: Data generates sets of data from classroom attendance, grades, and temperature and develops a routine to take a set of data and see how the values center by finding the mean, median, and mode and how they spread by finding the range and making box plots. Section II: Random Sample has students generate a random number table and solve random sample problems. Section III: Probability introduces the definition of probability and uses it to find and compare theoretical and experimental probabilities.

(Recommended for General Math classes, grades 9 through 12)

Key Words

Basic Skills Mathematics Statistics Probability

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