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Assessing statistical understanding in grades 3, 6 and 9 using a short-answer questionnaire.

Bell, G. et al., Challenges in mathematics education: Constraints on construction. Vol. 2. , (ISBN 1-875855-04-1). 675-682 (1994).

This paper presents some results of a pilot study which devised a 20-item paper-and-pencil, short-answer/multiple-choice questionnaire to assess students' understanding of statistics and probability in Grades 3, 6 and 9. The items are presented, with discussion of response differences over the three grades, and the level and type of cognitive functioning associated with responses. (orig.)

Classification: K12