Prediction Accuracy and Confidence in Young Students.

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Abstract: The current study focused on young students' prediction accuracy and recall confidence. The main goal was to investigate the students' prediction accuracy and confidence on their prediction. Three hundred and sixty (grades: 1-6) students participated in the study (60 from each grade). Participants were tested individually in a quiet room located in their schools. They were asked to learn 10 pictures, judge their recall prediction, rate their confidence in prediction, and then recall the pictures. Results showed that students (1-3) had low prediction accuracy. The 4-6 graders were significantly better at calibration than all other grades. Together, these results suggest that young students are indeed inaccurate but showing progress in their academic courses. Implications and future research are discussed.