

Abstract

Research has shown that elementary students have various difficulties in determining probabilities of events. In this study, we probabilistic thinking. Our research questions were: H initial understandings of probability develop?; and W development of probabilistic thinking? The study participants had completed fourth grade and were entering fifth grade. One pre-interview was conducted for each student. During pre-interviews, students generally exhibited limited knowledge of probability concepts. Three out of the four students had difficulty when attempting to describe or represent the probability of a given event. We planned seven one-hour lessons