



## QUALITATIVE RESEARCH OF PROBABILITY TEACHING WITH DIDACTIC GAMES

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**ABSTRACT.** *The following paper gives several conclusions from a qualitative research focused on observation of performance and behavior of pupils during lessons in which were used didactic games. The observation was conducted on fourteen year old pupils (13 girls, 6 boys) from the Sports Gymnasium of J. Herda in Trnava, from September 2013 to March 2014. The observation was conducted on 28 lessons where were tested 30 didactic games focused on teaching of the thematic area Combinatorics, probability, statistics. We used the method of direct observation, i.e. the studied reality was observed in the field. The paper especially focuses on what pupils understand under the concept of the game, how they perceive teaching through play, what types of games pupils enjoy and what kind of knowledge of the thematic area Combinatorics, probability, statistics did pupils acquire through play. The paper also mentions opinions of pupils on teaching with games, which they expressed in a questionnaire filled in at the end of the qualitative research.*

**KEY WORDS:** *observation, didactic games, combinatorics, probability, statistics.*

**CLASSIFICATION:** *A20, D40, K10*

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