

**TITLE:**

Analysis of selected pre-concepts of technical education of 5. classes of primary school

**SUMMARY:**

The thesis focuses on the issues and the consecutive diagnostics of chosen drafts to technical education at primary schools.

A few thematic units are analysed in the opening theoretical part. They focus on questions of constructivist approach, their resources and related pre-concepts and also taxonomy of fundamental fields in technical education.

In the second, practical part of the thesis, an actual level of pre-concepts structuring while using a questionnaire is taken. Its content is unfinished sentences, assessment scales and cognitive maps. Research included 302 respondents from the 5th grades of primary schools. Owing to the questionnaire method and cognitive maps, there were pre-concept data established. This information was consequently processed in terms of quantity and quality. The subject of the investigation were pre-concepts: wood, hand brake, gluing, cutting, strength, flexibility, material recycling, safety at work. The pre-conceptions cutting, flexibility, material recycling and safety at work was found inadequate incorporation students in cognitive maps.

The realised research tries to lighten the practical realisation of the educational process of technical education at primary school level.