

## **Abstrakt**

The diploma thesis deals with development of polytechnic education for children of younger school age. The development of polytechnic education for children is important, as it enables them to acquire practical skills and knowledge in different areas such as technology, environmental education, design and programming, these are key areas for understanding and access in today's world.

The aim of the diploma thesis is to theoretically describe the possibilities of polytechnic education for pupils of younger school age. The theoretical part deals with the concept of polytechnic education, its inclusion in the Framework educational program. Describes selected projects and programs to support polytechnic education.

The practical part of the work examines whether completion of a selected polytechnic education program leads to an increase in the technical literacy of children of younger school age and what competencies the program develops.

## **Keywords**

Key competencies, literacy, polytechnics education, pupils of younger school age, technical literacy.

