

## **ABSTRACT**

Diploma thesis focuses on the integration of speech therapy and music therapy in speech therapy prevention with an emphasis on auditory perception.

The theoretical part describes the neurological interconnection between speech, hearing, and music, and functioning of the central nervous system in this context. It also addresses preschool speech therapy prevention, speech development, diagnoses of speech disorders in childhood age and auditory perception. The final chapter covers music therapy, its methods, techniques, and applications within speech therapy.

The practical part utilizes a quantitative research tool, a questionnaire supplemented by qualitative interviews. The main research goal is to describe how music therapy elements are utilized in speech therapy prevention focusing on auditory perception in selected kindergartens in the Liberec region. The first sub-goal is to characterize the integration of music therapy elements in speech therapy prevention in these kindergartens. The second sub-goal is to determine how and by which methods music therapy elements are integrated into speech therapy prevention to support children's communication skills in selected kindergartens. The third sub-goal is to explore how speech therapy prevention focuses on developing auditory perception and identify effective music therapy elements for this purpose in selected kindergartens.

## **KEYWORDS**

speech, hearing, speech therapy, music therapy, auditory perception, neurology