

# ABSTRACT OF DIPLOMA THESIS

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Title: Standardized assessment of sensory disorders in school aged children

**Summary:** The thesis deals with problems of sensory processing disorders in school aged children. The aim of this diploma thesis is to create a working version of the standardized questionnaire Sensory Profile 2 School companion. Another aim is to verify the clinical applicability of this standardized questionnaire by using it to do a screening on school aged children to identify those with a sensory processing disorder within the classroom. The theoretical part of the thesis is focused on the diagnosis of sensory processing disorders (SPD), their diagnostics and the roles of an occupational therapist in SPD. Diagnostic tools for detecting SPD are presented and described in the thesis. The standardized questionnaire Sensory Profile 2, mainly the category School companion, is presented in this thesis.

**Methods:** The practical part of the diploma thesis is elaborated in the form of quantitative pre-research. 39 respondents were evaluated by a standardized questionnaire Sensory Profile 2 School companion for the purpose of pre-research. The respondents were chosen in accordance to the tests purpose. Respondents were third-grade students studying elementary school without a special focus. Data was collected from two classes and then processed by descriptive statistics.

**Results:** The results showed that 6 of the 39 respondents may have a sensory processing disorder. All 6 respondents were boys. The most common disorders were in avoiding sensory perceptions, in auditory, visual and vestibular processing and in the area of school factor 1.

**Key words:** Standardized assessment, Sensory profile 2, Sensory processing disorders, Sensory integration, Pediatric occupational therapy