# 2D and 3D Dimension in Kinderdarten Art Education 

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#### Abstract

: This diploma thesis deals with the transition of areal and three-dimensional imagery in the works of selected artists, which are the basis for didactic transformation, into artistic activities in the kindergarten program 'Starting Together'. The empiric part deals with the development of spatial and areal perception among preschool children. The theoretical part discusses the contemporary understanding of art teaching and its full development potential in preschool education. It outlines the teacher's role in planning of artistic activities and his/her ability to provide children the world of culture and art in kindergarten in comparison with the role of a gallery educator in an art gallery. It seeks to provide theoretical support for the empiric part and for the realized interdisciplinary project. It deals with the development of selected cognitive abilities of children of preschool age, sensation and perception, along with the possibilities of the development of spatial intelligence including the process of comparing during artistic activities. Art is put into the context of mathematics (didactics of mathematics education for preschools). The key term common for both didactics is transformation or as the case may be transformation activities.

The empiric part consists of an interdisciplinary art project based on the analysis and interpretation of artworks of selected artists. Using elements of action research, participant observation and interviews, it is determined how art activities based on the principles observed in the works of art, such as shadows, impression and sound, contributed to the development of children's spatial and areal perception. The case study describes the process of development of the relationship between areal and spatial perception and expression of children based on their testimonies. Among other things, it also proves the importance of haptic and auditory perception in relation to visual perception.


KEYWORDS: Surface, space, 2D, 3D dimension, transition, art education, kindergarten, fine art, gallery and museum education

