

The main part of this thesis is disquisition dealing with the implementing of the Frame education programme for elementary school especially in the field of education considering Mathematics and its application in the Orlickoustecko region. The thesis is focused mainly onto the teachers and their problems with school education programme elaboration. Inevitable parts of disquisition are also analysis of the region and particular schools in term of uprise conditions of such an education programme, questionnaire disquisition and its interpretation, subsequent interviews with teachers and last but not least the case study of school education programmes for lower classes of multi-annual grammar schools chiefly in the field of education considering Mathematics and its application.

The first part brings in starting points, which implicate the elaboration and subsequent interpretation of the disquisition. It is mainly about historical connections and about status quo and modern trends analyses in the field of education considering Mathematics. It also draws near the project and constructive teaching in Mathematics.

One of the pillar starting points is also background and literature research (including Frame education programme for elementary school) focused onto the education considering

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Mathematics and its application introduced in this thesis. Furthermore you can find there didactic analysis of pedagogical documents (valid education programmes, curricula, curriculum, textbooks,...) delimiting teaching Mathematics in elementary schools.