

ANOTATION:

This thesis deals with elementary characteristics, methods and ways of education with the overlap to the topic of free time and its connection with the concept of research-oriented education. This way it creates a comprehensive picture of different ways of effective teaching, learning and spending of free time. The first part of the thesis defines the terms of formal and informal education. It deals for instance with family and school as important factors influencing the free time of children and youth. It also introduces the term, content and principles of research-oriented education. The second part directly focuses on free time, research-oriented programmes which can be used both in standard classroom and distance on-line education. The main goal of the thesis is both to deliver a comprehensive picture of research-oriented education by means of freetime after-school research workshops, and to find out the advantages of both classroom and distance forms of education by their field-testing.