

ABSTRACT

The thesis deals with outdoor teaching of mathematics at primary school level. It develops the current interest in outdoor teaching using current innovative learning methods. Its focus is to serve as an inspirational resource for teaching mathematics in the area where a pupil grows up and, on the contrary, to learn about his surroundings through teaching mathematics. It relies partly on teaching via schema-oriented education, but seeks to demonstrate the benefits of outdoor teaching regardless of the style of teaching. It describes and analyzes the specific features, benefits and challenges associated with outdoor learning.

The work uses Czech and foreign sources to familiarize the reader with the basic phenomena that arise in connection with the learning process. Their role is pointed out on specific outdoor activities. Detailed analyzes of these activities work in the broader sense as examples of how to lead pupils to enjoy understanding mathematical laws in a non-school environment.