

This work is focused upon labyrinth type exercises and tasks for primary schools' second grade pupils. The main focus of my work is on how the students solve the tasks given them, and on how they communicate in order to arrive at these solutions. At the start of the work I set forth the concepts and terms used in working with the labyrinth environment. I also describe my own discovery of the labyrinth solving processes, as well as some of the challenges that I had to solve as I learned this system. In the second part of the paper there are examples of worksheets that I have prepared and tried out in the classroom. I have experimented with using them as a way of presenting labyrinth problems to my second grade pupils, and have observed the processes the children use in solving their tasks as well as how they communicate with themselves and (especially) with me. In the final part I describe all the phenomena that I have observed as well as other issues that I have run into in the course of my experiments.