

This Diploma Thesis gives a complex portrait of not much prevalent yet, however very stimulating and motivating surroundings Cobwebs. The extensive structure of the principles that cobweb tasks follow, varied modifications and the system of marking cobwebs of the pyramid type was originated on the basis of nearly two-year author's own discovering of the surroundings and having realized experiments with the pupils of 1st and 2nd classes. Broad range of phenomenon, which influences the difficulty of the tasks, has been summarized in the part dealing with the didactics definition.

The didactics aid - a model of cobweb, as well as the analyses and pupils' cognitive processes including their causes, that produce deeper understanding of surroundings Cobwebs, are parts of the supplement of the thesis.