

ABSTRACT:

The thesis is concerned with problems of algorithm development and programming on primary schools. The main target of the whole thesis is the project of new programming conception, which should bring better results on the field of programming and more effective way of teaching. In theoretic part there are introduced the most important terms from the field of algorithm development and programming, analysis of Czech and foreign education systems, mapping of possibilities of support of teaching from technological and didactical viewpoint. The new programming conception is suggested from theoretical bases. That conception is verified by approximately half-year action research at teaching of programming on 2nd level of primary school. In conclusion of the thesis there are introduced experiences, plusses and minuses of new conception of programming teaching.