

**Factors Differentiating the Information
and Communication Technology Competences
and Teachers' Activities Concerning
the Design and Application of Multimedia Teaching
Materials – Research Report**

Abstract

The paper presents the results of the diagnostic research establishing the level and manifestation of the information and communication technology competences of creative design and technology teachers and information technology teachers in designing and applying multimedia teaching materials (MTM). The discussed issues seek the answers to the questions aiming to define the factors differentiating the information and communication technology competences and teachers' practical measures concerning the design and application of multimedia teaching materials.

Key-words: *ICT teacher competences, multimedia teaching materials.*

Introduction

In search for the educational solutions enabling us to fulfil the requirements facing the contemporary school, the significance of building the student's skills and competences is emphasised. At the same time, the necessity to use new educational technologies and new active methods of teaching is stressed. The main aims and tasks of the science and information technology education show the need to implement them with the application of multimedia teaching materials and information communication technologies (ICT) (cf. the Core Curriculum...). In the light of the