PALACKY UNIVERSITY IN OLOMOUC

FACULTY OF EDUCATION

Department of Primary Education

**Didactic resources and their use at primary school**

(summary of the dissertation thesis within a postgraduate study programme – preparation for the English exam)

**Name:** *Mgr. Veronika Švrčinová*

**Object of study:** *Pedagogy (focused on primary school)*

**Tutor’s name:** *doc. PhDr. Eva Šmelová, Ph.D.*

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**The aim of the dissertation thesis** is to determine the current status of utilization of didactic resources for primary school through the joint research (quantitative and qualitative research).

**The contribution of the dissertation thesis** is to evaluate the real level of didactic resources utilization within the primary school and to verify the investigative method used in order to make it applicable for primary school area.

**The outcomes of the dissertation thesis** are the results, which are based on need of acquirement of current resources utilization overview in the context of curricular reform.

**The outcomes are:**

* the formulation of an investigative method for evaluating current status of didactic resources utilization;
* the comparison of didactic resources utilization before and after curricular reform (by view of teachers).

**The main aim is going to be achieved via partial goals. The partial goals are:**

* to determine the current status of didactic resources utilization at primary school in terms of frequency of use and the inclusion of time in teaching in individual school subjects;
* to find out how the use of didactic resources has been changed in the context of curricular reform;
* to check status of using interactive whiteboards in primary education and teachers' views on the benefits of the inclusion of interactive whiteboards into the educational process at primary school.

**The theoretical part of the dissertation thesis** deals with didactic principles, the principle of clarity, didactic methods, didactic resources and its utilization. We will focus also on changes in the context of curricular reform. The important part of theoretical part will be interactive whiteboard presentation as a touch sensitive display, which may mediate interactivity, if it is properly used and applicated.

**Research of the dissertation thesis:**

Research area (problem):

* to determine the current status of didactic resources utilization at primary school (frequency of use and the inclusion of time in teaching in individual school subjects, teachers´ approach to didactice resources use) and to find out how the use of didactic resources has been changed in the context of curricular reform by teachers´ views;
* to determine the current level of interactive whiteboard use and its benefit in educational process by teachers´ views.

Research file:

* 100 teachers of primary school with teaching experience of:

1. first group of respondents: 1 - 5 years;
2. second group of respondents: 6 – 10 years;
3. third group of respondents: 11 – 20 years;
4. fourth group of respondents: 21 and more.

Period of data collection:

* 2012/2013;

The research is quantitatively and qualitatively oriented. The applied research methods are: questionnaire, observation.

The questionnaire will consist of open-ended and close-ended questions (ordinal-polytomous questions). The questionnaire will be used for determination the didactic resources utilization and also the interactive whiteboard use and teachers´ approach to this modern technical resource. Observation in this case means observing the work with interactive whiteboard in the educational process. We will observe the use of interactive whiteboard – frequency of use, time inclusion in lesson, pupils´ direct and indirect work with interactive whiteboard. The observation will be provided in Elementary teaching lessons. We will benefit from established cooperation with Faculty´s Primary schools in Olomouc – we will observe in these classes: first class, second class and third class.

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