

**M U N I**  
**P E D**

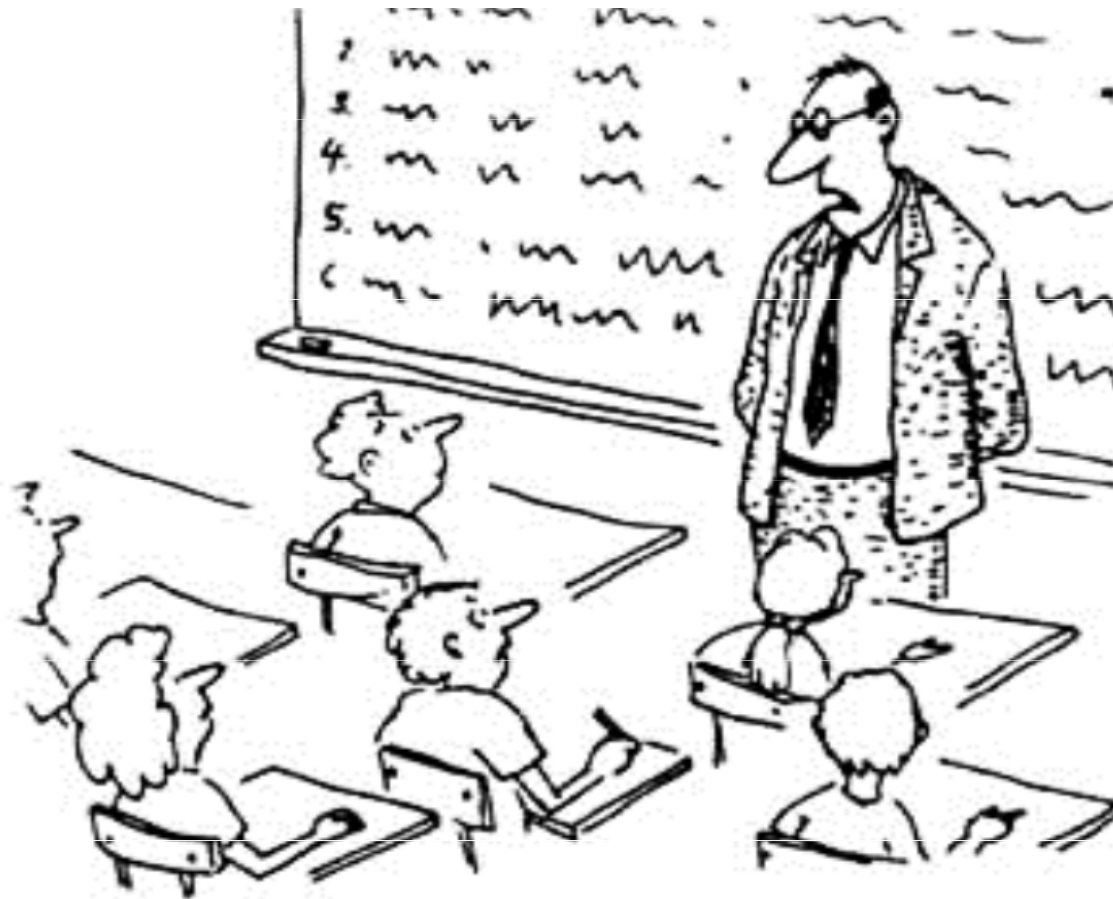
# **Educational research in teachers profession**

# How do you make decisions for your teaching?

- Intuition?
- Logic?
- Tradition?
- Role model?
- Other?

# Teacher intuition: the main issue of the profession?

- Many teachers show excellent skills to organize teaching and solve educational problems.
- Difficulties arise if they have to justify why they used a certain procedure, or why they reacted to the situation one way or another.



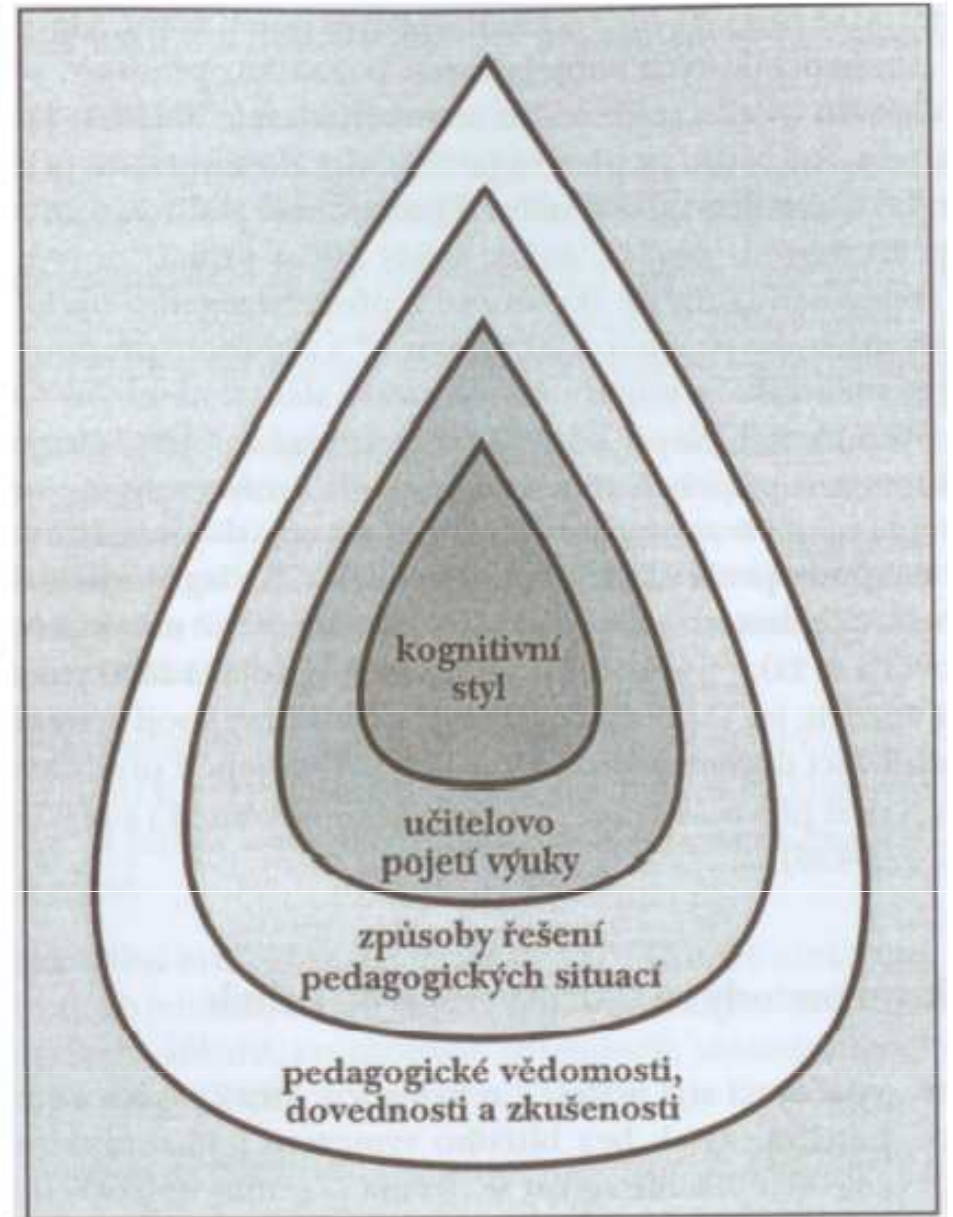
*“I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!”*



"These are humans. Normally they are quite harmless, but if you touch their food or make fun of their beliefs they can become VERY aggressive."

# Layers of teacher's instructional style

(Maňák & Švec, 2003, p. 38)



# Teacher intuition: a source of cognitive uncertainty

- - Teachers often do not have the knowledge (concepts) through which they would be able to justify their decisions.
  - They are able of only moderate professional communication on issues related to teaching.
  - Weakened professional communication in relation to teaching practice undermines the creation of pedagogical theory.

This is the source of a relatively high degree of cognitive uncertainty which leads to routine activities.



# Teaching is an isolated profession

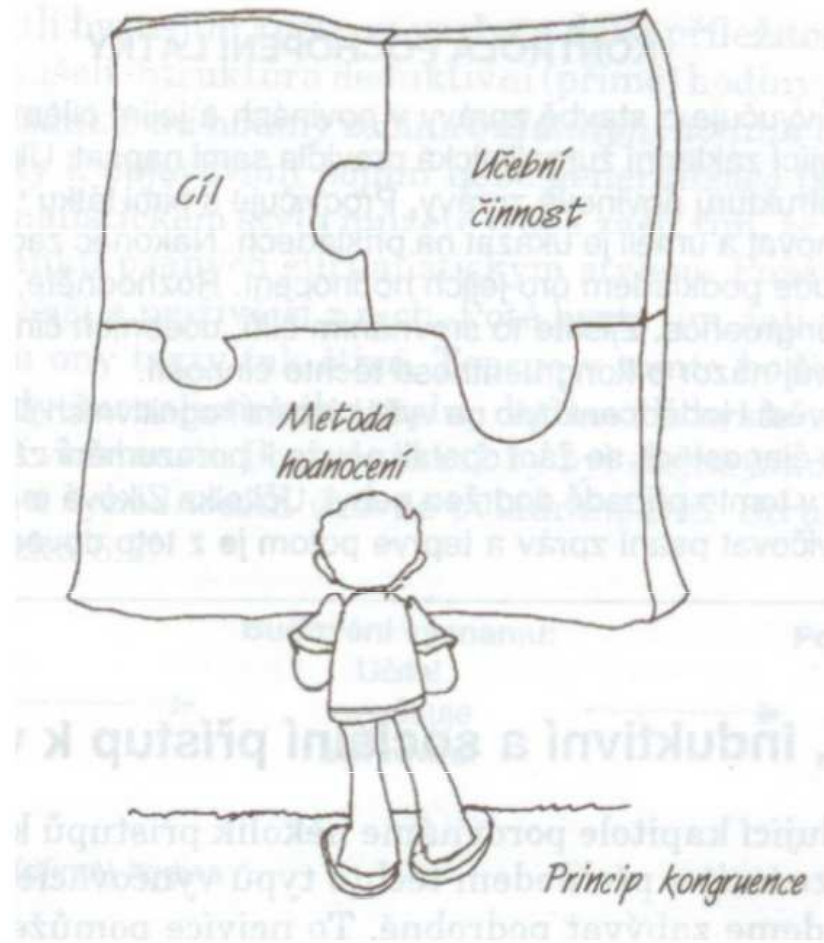
– Do you agree? Why yes/no?

- Classroom isolation prevents teachers from talking about their thoughts and solving common issues.

# Educational research: the basis of school education

- How do you know what works well?
- Are there methods that do not work?
- What am I doing well? What am I doing wrong?
- What is better? To make the pupils enjoy learning or to have results?
  
- We often confuse common practice with the best practice.

Answers to these questions are searched by pedagogical research



# Evidence – based approach

„Evidence rather than tradition or authoritative personal opinion.“

# Where to look for the evidence?

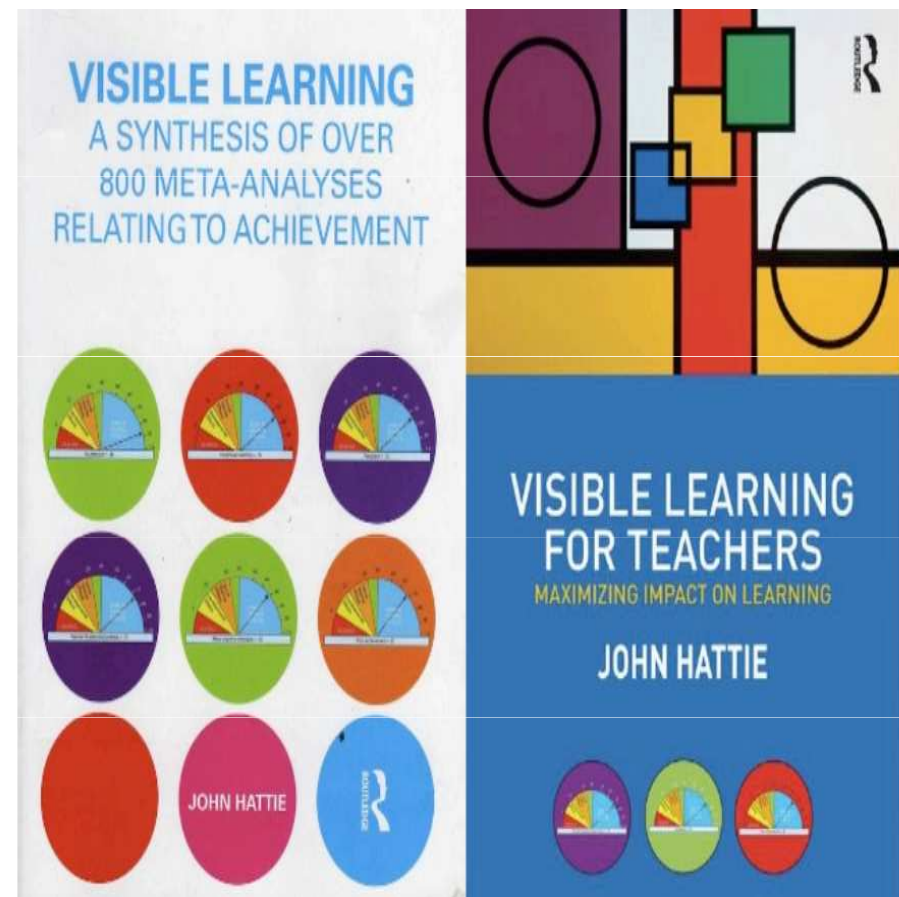


[Portál elektronických informačních zdrojů MU \(muni.cz\)](http://muni.cz)

[Learning and Instruction | Journal | ScienceDirect.com by Elsevier](http://Learning and Instruction | Journal | ScienceDirect.com by Elsevier)

[Hattie effect size list - 256 Influences Related To Achievement \(visible-learning.org\)](https://visible-learning.org)

[Glossary of Hattie's influences on student achievement - VISIBLE LEARNING \(visible-learning.org\)](https://visible-learning.org)



[visible-learning.org](https://visible-learning.org)

# Task

Based on an article of your choice or your study of academic journals, outline the topics that are currently discussed in educational sciences.