



evropský  
sociální  
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,  
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání  
pro konkurenceschopnost

## INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Zvyšování kvality vzdělávání učitelů přírodovědných předmětů

### 1 topic: SOME CONTROVERSIAL ISSUES IN SCIENCE EDUCATION

#### Main purpose:

The main objective is to discuss some of the challenges of natural science education in our „modern“ life.

#### Questions for self-preparation and later discussions:

- How a school-level curriculum should change regarding the orientation towards the (future) paradigm of learning and relevant perspectives?
- How rapid changes taking place in the society have resulted in changing requirements for individual's competence?
- What main factors determine the paradigmatic change from teaching to learning?
- Why does the school-level curriculum is of particular importance if we are talking about a constructivist approach in science teaching?
- What the main conditions (external and internal) are needed for the implementation of a constructivist curriculum on the classroom level?

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