



# Pedagogical knowledge

Where are we and how to proceed?

Fien Depaepe

Background variables

Opportunities to learn

...

## TEACHER'S PROFESSIONAL COMPETENCE

### Cognitive aspects

Content  
knowledge

**Pedagogical  
knowledge**

Pedagogical content  
knowledge

...

### Affective-motivational aspects

Beliefs

Motivation

Attitudes

Emotions

...

Quality of instruction

Student learning outcomes  
(cognitive, metacognitive, affective-  
motivational)

Background variables  
Opportunities to learn

## TEACHER'S PROFESSIONAL COMPETENCE

Cognitive

Blömeke

- Structuring
- Motivation/management
- Adaptivity
- Diagnosing

Content knowledge

Pedagogical /psychological knowledge

Pedagogical content knowledge

Voss

- Management
- Teaching methods
- Assessment
- Learning processes
- Individual characteristics

Affective-motivational

Transmissive Self-efficacy

Beliefs

Lauermann

Responsibility

Attitudes

Motivation

Emotions

Intrinsic  
Intrinsic/extrinsic teaching motivation  
Achievement motivation  
Goal orientation

Quality of instruction

Student learning outcomes  
(cognitive, metacognitive, affective-  
motivational)



Fien Depaepe  
fien.depaepe@kuleuven-kulak.be