

The question between reflecting and acting on general pedagogical knowledge of teachers



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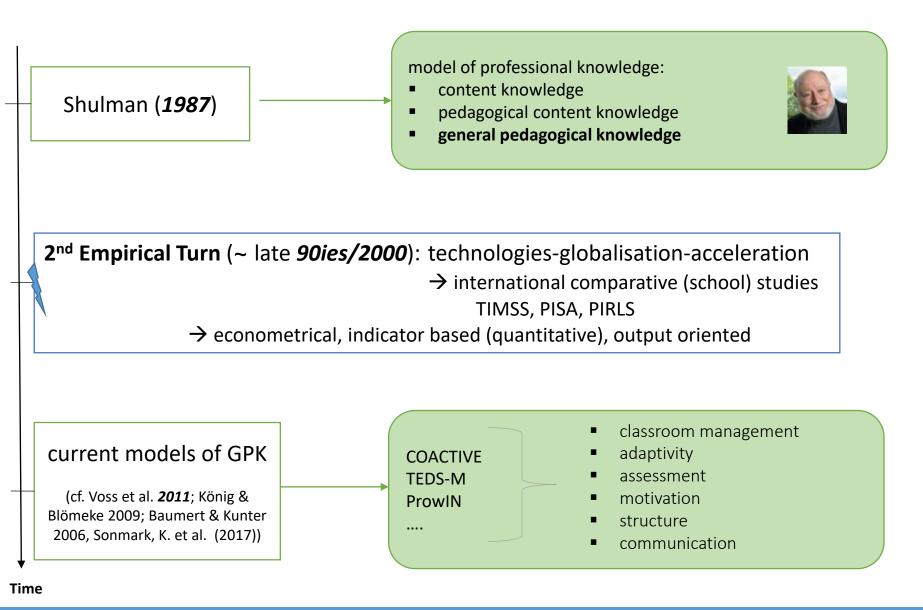
Overview

- I. Introduction
- II. Research questions
- III. Methodology
- IV. Findings
- V. Discussion



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I. Introduction

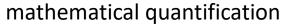




I. Introduction



https://www.piller-schulmoebel.at/ergonomie/bewegtes-lernen/



- indicator based modelling
 - -> internationalisation
 - -> comparability
 - -> standards







http://www.deutschlandfunkkultur.de/paedagogik-autoritaerer-geist-durch-die-hintertuer.1008.de.html?dram:article_id=345675

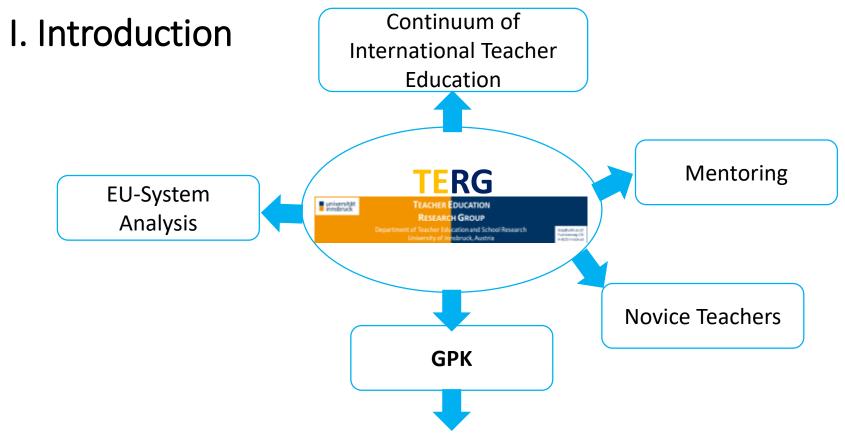


https://www.tagesspiegel.de/meinung/neue-bildungsstudie-berlin-ist-unvergleichlich/7221880.html

"We need standards […] to make our schools work well in solving the myriad tasks they face. But […] standards alone will not work. We need a surer sense of what to teach to whom and how to go about teaching it in such a way that it will make those taught more effective, less alienated, and better human beings." Bruner, J. (1996)







- complementary approach to the indicator driven quantitative OECD approach
- reconstructive approach from praxis perspective instead of construct based GPK assessment
- grounded theory
- spanning the continuum of GPK
- reconstructive, conceptual framework & modelling







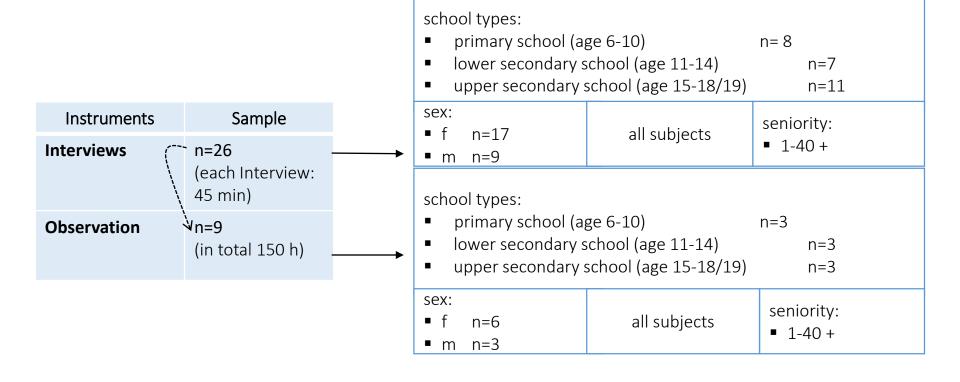
II. Research question



- The teachers' understanding of GPK in practice (including current challenges)?
- 2. Identifying teachers' GPK in everyday school practice based on observations?
- 3. Behavioural gap? (teachers cognitive concepts of GPK in contrast to pedagogical acting)

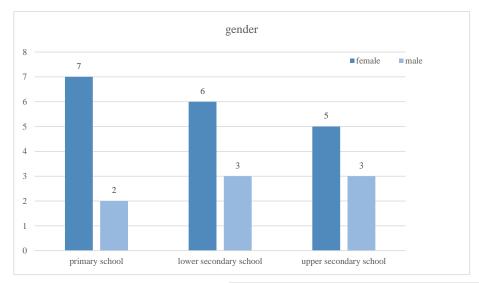


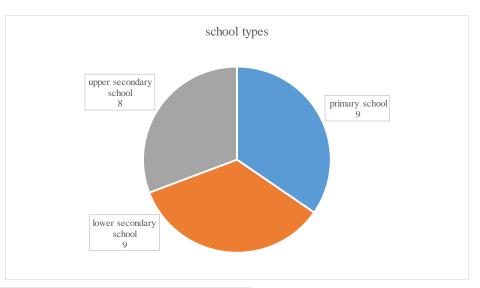
II. Methodology

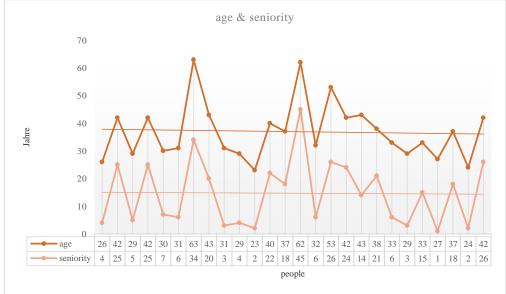




II. Methodology







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IV. Findings – example: individual observation table

How does pedagogical knowledge shown in the actions of the teacher?	observations		comments		
teacher creates tolerance in the classroom	approved	Teachers consider different achievements and personalities			
teacher tickles the emotions of the students	not approved	Teacher tries to move, to express their emotions and feelings towards the subject. During the observations, this criterion was not visible to the students.			
students approved approved		Teacher tric current sor of music. H	How does pedagogical knowledge shown in the actions of the teacher?	observations	comments
teacher is an expert	approved	show in all Teacher cal professiona	creative lesson	not approved	Teacher design the lessons in each class similiar. Creative moments refer to individual methods. The lessions are mainly monotonous in the form of a frontal setting.
			Teacher is interested in each students	approved	Teacher is friendly and open. It perceives the interests of the children and shows understanding. She approaches individual students and talks to them about personal issues.
			Teacher can manage processes	partially approved	Teacher gives clear instructions. The students implemented the teacher's instructions. It was possible to observe how many students do not implement the work instructions. Instead, they sit in the square and talk to other students. Teacher shows how she does not manage to lead these students to work.
			Teacher can motivate students	partially approved	Teacher manages to increase the interest of the students through a life relevant example. However, in the classroom mainly theoretical contents without life relevance are taught in frontal settings.
			Teacher is an expert	approved	Teacher is using an frontal setting. As a result, she presents the typical expert role that stands in front of the class and teaching content.
			Teacher can guide students to work independently	partially approved	Teacher can only partially guide pupils to work independently. Depending on the task and the type of work.
			Teacher controls homework and make positive comments	approved	Teacher comments the homework with positive statements and gives the students aneffective feedback.



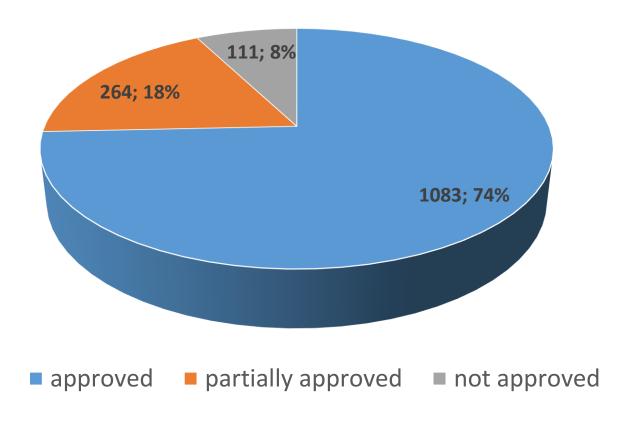
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	expertise		
teaching competences	teacher response		
	teaching materials	diagonostic perspective	creative didactic flexibility
personalisation	personalised learning	self regulated learning	students- driven- learning process
	student motivation	motivation	
social – emotional	(personal) symmetrical communication		positive atmosphere
aspects	emotions	pressure-free	
	positive atmosphere		



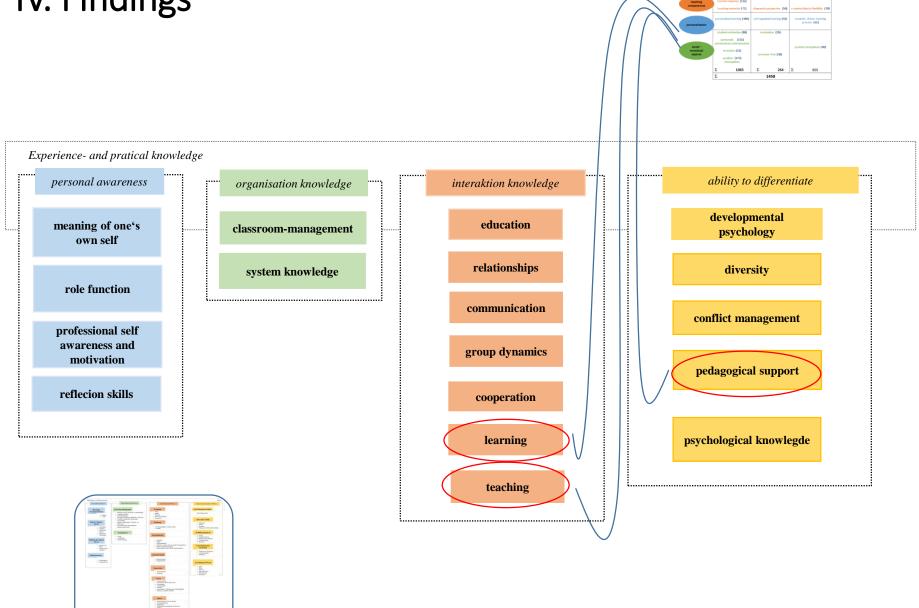
	+	~	-		
	expertise (92)				
teaching	teacher response (115)				
competences	teaching materials (72)	diagnostic perspective (56)	creative didactic flexibility (39)		
personalisation	personalised learning (382)	self regulated learning (55)	students- driven- learning process (32)		
	student motivation (88)	motivation (95)			
	(personal) (131) symmetrical communication		nositivo atmosphoro (40)		
social – emotional	emotions (31)	proceure from (EQ)	positive atmosphere (40)		
aspects	positive (172) Atmosphere	pressure- free (58)			
	Σ 1083	Σ 264	Σ 111		
	Σ 1458				



Behavioural gap: interviews-observations









V. Findings & Discussion

- ➤ Lack of verbal conceptualisation of GPK
- Reduction to fundamental aspects (teaching, learning, support)
- Discrepancy between implicit and explicit knowledge
- ➤ Complex acting → tacit knowledge
- > 74% positive observations
- School form dependency
- > Practice/field research gives a different picture in contrast to existing models



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