

From pixels back to the bigger picture

Making teacher evaluation work in institutional and human context

National/regional context (history, culture, economy etc.)

Institutional context (education system, education policy, legal/regulatory framework, governance)

Teaching context (school, teaching level, class size etc.)

Teacher



Pupils

Social context (socio-economic factors, social expectations etc.)

Why focus on teachers?

Why focus on teachers?

Studies suggest that variance in pupil achievement is attributable in varying proportions to:

Why focus on teachers?

Studies suggest that variance in pupil achievement is attributable in varying proportions to:

- pupil characteristics (c. 70%)

Why focus on teachers?

Studies suggest that variance in pupil achievement is attributable in varying proportions to:

- pupil characteristics (c. 70%)
- family background (c. 10%)

Why focus on teachers?

Studies suggest that variance in pupil achievement is attributable in varying proportions to:

- pupil characteristics (c. 70%)
- family background (c. 10%)
- **school context** (c. 20%)

Why focus on teachers?

Within this school context

- institutional context of limited impact (c. 5%)

Why focus on teachers?

Within this school context

- institutional context of limited impact (c. 5%)
- classroom context (age, heterogeneity, social profile) = given

Why focus on teachers?

Within this school context

- institutional context of limited impact (c. 5%)
- classroom context (age, heterogeneity, social profile) = given
- **teacher effect**

Why focus on teachers?

Teacher effect

- **highest impact on pupil achievement**

Why focus on teachers?

Teacher effect

- highest impact on pupil achievement
- **most easily observable**

Why focus on teachers?

Teacher effect

- highest impact on pupil achievement
- most easily observable
- most aligned with:
 - an **input/output framework of analysis**
 - and the **contemporary ethos of individual (as distinct from social) accountability**

The teacher effect: four issues with measuring output

The teacher effect: four issues with measuring output

- near impossibility of statistically **disentangling the effects of individual teachers from the effects of other inputs** to the educational process

The teacher effect: four issues with measuring output

- near impossibility of statistically disentangling the effects of individual teachers from the effects of other inputs to the educational process
- **teacher assignment** to classes not random

The teacher effect: four issues with measuring output

- near impossibility of statistically disentangling the effects of individual teachers from the effects of other inputs to the educational process
- teacher assignment to classes not random
- **teacher effects not always stable** (e.g. year on year, or with different classes)

The teacher effect: four issues with measuring output

- near impossibility of statistically disentangling the effects of individual teachers from the effects of other inputs to the educational process
- teacher assignment to classes not random
- teacher effects not always stable (e.g. year on year, or with different classes)
- **dubious value of comparing teachers for improving their performance**

From output to input: the turn to competence frameworks

From output to input: the turn to competence frameworks

Competence frameworks

- accompany the shift of focus from collective to individual responsibility at the point of delivery of education, i.e. **responsibility rather than conformity**

From output to input: the turn to competence frameworks

Competence frameworks

- accompany the shift of focus from collective to individual responsibility at the point of delivery of education, i.e. responsibility rather than conformity
- are designed to **make expectations explicit** (e.g. to candidates) and may thus also provide a frame of reference for ITE programmes / professional development (reflective practice; identification of training needs) / evaluation

From output to input: the turn to competence frameworks

Competence frameworks

- accompany the shift of focus from collective to individual responsibility at the point of delivery of education (responsibility rather than conformity)
- are designed to make expectations explicit (e.g. to candidates) and may thus also provide a frame of reference for ITE programmes / professional development (reflective practice; identification of training needs) / evaluation
- in making expectations explicit, and in accordance with the shift of focus on teacher agency, foster an understanding of the profession that moves **beyond an exclusive emphasis on content towards a more comprehensive and systematic view**

A more comprehensive and systematic perspective

A more comprehensive and systematic perspective

Competence frameworks attempt to list all the things that teachers

- taken together, actually do (at one stage or another and often without thinking of them as directly related to teaching)

A more comprehensive and systematic perspective

Competence frameworks attempt to list all the things that teachers

- taken together, actually do (at one stage or another and often without thinking of them as directly related to teaching)
- should individually be trained to do

A more comprehensive and systematic perspective

Competence frameworks attempt to list all the things that teachers

- taken together, actually do (at one stage or another and often without thinking of them as directly related to teaching)
- should individually be trained to do
- should individually be able to learn to do (initially and over time)

A more comprehensive and systematic perspective

Competence frameworks attempt to list all the things that teachers

- taken together, actually do (at one stage or another and often without thinking of them as directly related to teaching)
- should individually be trained to do
- should individually be able to learn to do (initially and over time)
- may individually evaluate themselves / be evaluated against

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- **teacher as master** (the master of subject knowledge)

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- teacher as master (the master of subject knowledge)
- **teacher as technician** (the skilled didactician)

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- teacher as master (the master of subject knowledge)
- teacher as technician (the skilled didactician)
- **teacher as engineer** (the practitioner who confronts theory and practice to define and reflect on his/her practice and methods)

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- teacher as master (the master of subject knowledge)
- teacher as technician (the skilled didactician)
- teacher as engineer (the practitioner who confronts theory and practice to define and reflect on his/her practice and methods)
- **teacher as artisan** (the man/woman of experience)

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- teacher as master (the master of subject knowledge)
- teacher as technician (the skilled didactician)
- teacher as engineer (the practitioner who confronts theory and practice to define and reflect on his/her practice and methods)
- teacher as artisan (the man/woman of experience)
- **teacher as worker in a social and professional environment**

A more comprehensive and systematic perspective

In doing so, do competence frameworks move beyond or merely aggregate earlier, competing teacher paradigms?

- teacher as master (the master of subject knowledge)
- teacher as technician (the skilled didactician)
- teacher as engineer (the practitioner who confronts theory and practice to define and reflect on his/her practice and methods)
- teacher as artisan (the man/woman of experience)
- teacher as worker in a social and professional environment
- **teacher as person** (a professional engaged in his/her own development)

A thoughtful example (1/3)

Knowledge and understanding	Subject matter knowledge
	Pedagogical Content Knowledge (PCK), implying deep knowledge about content and structure of subject matter: <ul style="list-style-type: none">- knowledge of tasks, learning contexts and objectives- knowledge of students' prior knowledge and recurrent, subject-specific learning difficulties- strategic knowledge of instructional methods and curricular materials
	Pedagogical knowledge (knowledge of teaching and learning processes)
	Curricular knowledge (knowledge of subject curricula – e.g. the planned and guided learning of subject-specific contents)
	Educational sciences foundations (intercultural, historical, philosophical, psychological, sociological knowledge)
	Contextual, institutional, organizational aspects of educational policies
	Issues of inclusion and diversity
	Effective use of technologies in learning
	Developmental psychology
Group processes and dynamics, learning theories, motivational issues	
Evaluation and assessment processes and methods	

A thoughtful example (2/3)

S K I L L S	Planning, managing and coordinating teaching
	Using teaching materials and technologies
	Managing students and groups
	Monitoring, adapting and assessing teaching/learning objectives and processes
	Collecting, analysing, interpreting evidence and data (school learning outcomes, external assessments results) for professional decisions and teaching/learning improvement
	Using, developing and creating research knowledge to inform practices
Collaborating with colleagues, parents and social services	
Negotiation skills (social and political interactions with multiple educational stakeholders, actors and contexts)	
Reflective, metacognitive, interpersonal skills for learning individually and in professional communities	
Adapting to educational contexts characterised by multi-level dynamics with cross-influences (from the macro level of government policies to the meso level of school contexts, and the micro level of classroom and student dynamics)	

A thoughtful example (3/3)

Dispositions: beliefs, attitudes, values, commitment	Epistemological awareness (issues concerning features and historical development of subject area and its status, as related to other subject areas)
	Teaching skills through content
	Transferable skills
	Dispositions to change, flexibility, ongoing learning and professional improvement, including study and research
	Commitment to promoting the learning of all students
	Dispositions to promote students' democratic attitudes and practices, as European citizens (including appreciation of diversity and multiculturalism)
	Critical attitudes to one's own teaching (examining, discussing, questioning practices)
	Dispositions to team-working, collaboration and networking
Sense of self-efficacy	

EU Commission, *Supporting teacher competence development for better learning outcomes* (2013)

...and a poor one

Teacher/Grade/Subject: _____
Date/Start Time/End Time: _____

CLASSROOM WALKTHROUGH CHECKLIST

LEGEND

– Evidence NE – NO Evidence NA – Not Applicable

Focus on LEARNERS & RELEVANCE	Focus on INSTRUCTION & RIGOR		Focus on ENVIRONMENT & CULTURE
<p>Student Engagement</p> <p><input type="checkbox"/> Authentically On Task</p> <p><input type="checkbox"/> Passive/Compliant</p> <p><input type="checkbox"/> Disengaged/Disruptive</p> <p>Whole Class</p> <p><input type="checkbox"/> Asking & responding to questions</p> <p><input type="checkbox"/> Listening & note taking</p> <p><input type="checkbox"/> Participating in discussion</p> <p><input type="checkbox"/> Participating in guided practice</p> <p>Small Group or Paired</p> <p><input type="checkbox"/> Students have defined responsibilities</p> <p><input type="checkbox"/> Students encourage one another</p> <p><input type="checkbox"/> Collaboratively producing a product</p> <p><input type="checkbox"/> Collaboratively problem-solving</p> <p><input type="checkbox"/> Participating in discussion</p> <p><input type="checkbox"/> Presenting</p> <p>Individual</p> <p><input type="checkbox"/> Independently producing a product</p> <p><input type="checkbox"/> Independently solving a problem</p> <p><input type="checkbox"/> Independent practice/application</p> <p><input type="checkbox"/> Presenting</p> <p><input type="checkbox"/> Silent reading</p> <p><input type="checkbox"/> Writing activities</p> <p><input type="checkbox"/> Researching information</p>	<p><input type="checkbox"/> Standards-Based Learning Objectives (posted/written)</p> <p><input type="checkbox"/> Evidence of Lesson Plan</p> <p><input type="checkbox"/> Fidelity of Core Programs (effective use of core program components/materials to provide quality standards-based lessons)</p> <p align="center">Instructional Practices & Strategies</p> <p>Differentiation</p> <p><input type="checkbox"/> Content</p> <p><input type="checkbox"/> Learning Process</p> <p><input type="checkbox"/> Student Product</p> <p><input type="checkbox"/> Skill Development</p> <p><input type="checkbox"/> Support</p> <p><input type="checkbox"/> Learning Time</p> <p><input type="checkbox"/> Flexible, fluid groupings</p> <p>Lesson Design</p> <p><input type="checkbox"/> Alternating whole & small group activity</p> <p><input type="checkbox"/> Efficient transitions</p> <p><input type="checkbox"/> Equitable student participation</p> <p>Direct Instruction</p> <p><input type="checkbox"/> Modeling</p> <p><input type="checkbox"/> Think-alouds</p> <p><input type="checkbox"/> Re-teaching</p> <p><input type="checkbox"/> "I do, we do, you do"</p> <p><input type="checkbox"/> Mini-lessons/focus lessons (5-7 mins)</p> <p><input type="checkbox"/> Scaffolding</p> <p><input type="checkbox"/> Guided practice</p> <p><input type="checkbox"/> Lecture/Presentation</p> <p><input type="checkbox"/> Visual Aids</p> <p>Classroom Discussion</p>	<p>Research-based Strategies</p> <p><input type="checkbox"/> Cooperative learning</p> <p><input type="checkbox"/> Vocabulary instruction (six-step model)</p> <p><input type="checkbox"/> Think-pair-share</p> <p><input type="checkbox"/> Reciprocal teaching</p> <p><input type="checkbox"/> SDAIE strategies</p> <p><input type="checkbox"/> Frontloading strategies</p> <p><input type="checkbox"/> Thinking Maps</p> <p><input type="checkbox"/> Write from the Beginning</p> <p><input type="checkbox"/> Teach for Success techniques</p> <p><input type="checkbox"/> GLAD (Guided Language Acquisition Design) strategies</p> <p><input type="checkbox"/> Cornell note-taking strategies</p> <p>Embedded Literacy</p> <p><input type="checkbox"/> Writing across the curriculum</p> <p><input type="checkbox"/> Reading in content areas</p> <p><input type="checkbox"/> Evidence of writing process</p> <p>Instructional Materials/Technology</p> <p><input type="checkbox"/> Manipulatives/hands-on materials used</p> <p><input type="checkbox"/> Technology resources from adopted programs used</p> <p><input type="checkbox"/> Other technology resources used by teacher to enhance teaching and learning</p> <p><input type="checkbox"/> Technology equipment used by teacher to</p>	<p>Classroom Appearance</p> <p><input type="checkbox"/> Organized, neat & uncluttered</p> <p><input type="checkbox"/> Learning goals/data is displayed</p> <p><input type="checkbox"/> Standards-based student work is displayed</p> <p><input type="checkbox"/> Other visuals support learning</p> <p>Classroom Management</p> <p><input type="checkbox"/> Safe & orderly environment</p> <p><input type="checkbox"/> Routines & procedures are evident</p> <p><input type="checkbox"/> Evidence that students understand behavioral expectations</p> <p><input type="checkbox"/> Evidence that students share responsibility for effective operations</p> <p><input type="checkbox"/> Positive behavior is reinforced</p> <p><input type="checkbox"/> Negative behavior is addressed through re-directing</p> <p><input type="checkbox"/> Teacher circulates throughout the classroom</p> <p><input type="checkbox"/> Teacher manages/monitors many activities simultaneously</p> <p><input type="checkbox"/> Teacher manages proactively & calmly</p> <p><input type="checkbox"/> Teacher displays energy & enthusiasm</p> <p><input type="checkbox"/> Time is used effectively & efficiently</p> <p>Classroom Culture</p> <p><input type="checkbox"/> Respectful, positive student-teacher relationships are evident</p> <p><input type="checkbox"/> Students demonstrate mutual respect</p> <p><input type="checkbox"/> Students are comfortable sharing ideas, questions, concerns, or needs</p> <p><input type="checkbox"/> Evidence of celebrating student success</p> <p><input type="checkbox"/> Evidence of developing leadership skills (e.g., using Leader in Me components)</p>

Benefits and limits

Benefits and limits

Benefits

- greater **consistency** (though not necessarily greater equality) within and possibly across education systems

Benefits and limits

Benefits

- greater consistency (though not necessarily greater equality) within and possibly across education systems
- **conceptual framework** for any serious thinking on teaching, teaching quality and teacher education

Benefits and limits

Limits

- unwittingly foster a **summative (rather than an integrative) view of competences** despite an attempt to place emphasis on professional development

Benefits and limits

Limits

- unwittingly foster a summative (rather than an integrative) view of competences despite an attempt to place emphasis on professional development
 - **fragmented vision of teaching**, which young teachers in particular find difficult to translate into effective practice as they strive to tick off separate competences that ultimately fail to cohere

Benefits and limits

Limits

- unwittingly foster a summative (rather than an integrative) view of competences despite an attempt to place emphasis on professional development
 - fragmented vision of teaching, which young teachers in particular find difficult to translate into effective practice as they strive to tick off separate competences that ultimately fail to cohere
 - risk of being **perceived and used as a set of standards**

Benefits and limits

- encourage a perception of **teaching as a set of attitudes and procedures**, in which the part devoted to actual teaching and learning appears secondary

Benefits and limits

- encourage a perception of teaching as a set of attitudes and procedures, in which the part devoted to actual teaching and learning appears secondary
 - unclear **hierarchy/complementarity** among the competences

Benefits and limits

- encourage a perception of teaching as a set of attitudes and procedures, in which the part devoted to actual teaching and learning appears secondary
 - unclear hierarchy/complementarity among the competences
 - **evaluation of competences \neq evaluation of teaching** (teacher's response to pupils' needs)

Benefits and limits

- encourage the improbable notion that **teaching is everywhere and in any circumstances identical and unchanging**

Benefits and limits

- encourage the improbable notion that teaching is everywhere and in any circumstances identical and unchanging
 - **no room for institutional and human context**

Benefits and limits

- encourage the improbable notion that teaching is everywhere and in any circumstances identical and unchanging
 - little room for institutional and human context
 - **no room for useful variations in teaching style**

Benefits and limits

- encourage the improbable notion that teaching is everywhere and in any circumstances identical and unchanging
 - little room for institutional and human context
 - no room for useful variations in teaching style
- **place the onus of quality too exclusively on the shoulders of teachers**, while teachers clearly operate within a much wider institutional and policy context

Challenges

Challenges

- Teacher evaluation would benefit first from **clear thinking on formative, as distinct from summative, evaluation**, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two

Challenges

- Teacher evaluation would benefit first from clear thinking on formative, as distinct from summative, evaluation, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two
 - **it must be clear whether a teacher is evaluated against a set of expectations**, which are themselves shaped and constrained by policy choices and to which he or she has to conform, **or he/she is evaluated against a set of pedagogical and/or development objectives**, for which advice and additional training are provided

Challenges

- Teacher evaluation would benefit first from clear thinking on formative, as distinct from summative, evaluation, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two
 - it must be clear whether a teacher is evaluated against a set of expectations, which are themselves shaped and constrained by policy choices and to which he or she has to conform, or he/she is evaluated against a set of pedagogical and/or development objectives, for which advice and additional training are provided
 - when the latter is the case, **self-evaluation and the writing of evaluation reports**, if at all possible, **should be encouraged** as correctives to a mechanical, de-contextualised approach

Challenges

- Teacher evaluation would benefit first from clear thinking on formative, as distinct from summative, evaluation, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two
 - it must be clear whether a teacher is evaluated against a set of expectations, which are themselves shaped and constrained by policy choices and to which he or she has to conform, and whether (or when) he or she is evaluated against a set of pedagogical and/or development objectives, for which advice and additional training are provided
 - when the latter is the case, self-evaluation and the writing of evaluation reports, if at all possible, should be encouraged as correctives to a mechanical, decontextualised approach
 - in all circumstances, **the emphasis ought to be on teaching and pupil learning**, the latter not to be confused with pupil results

Challenges

- Teacher evaluation would benefit first from clear thinking on formative, as distinct from summative, evaluation, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two
 - it must be clear whether (or when) a teacher is evaluated against a set of expectations, which are themselves shaped and constrained by policy choices and to which he or she has to conform, and whether (or when) he or she is evaluated against a set of pedagogical and/or development objectives, for which advice and additional training are provided
 - when the latter is the case, self-evaluation and the writing of evaluation reports, if at all possible, should be encouraged as correctives to a mechanical, decontextualised approach
 - in all circumstances, the emphasis ought to be on teaching and pupil learning, the latter not to be confused with pupil results
- For evaluative purposes, checklists are best avoided and **references to a competence framework should be reasonably short and general**

Challenges

- Teacher evaluation would benefit first from clear thinking on formative, as distinct from summative, evaluation, especially given that itemised evaluation forms based on competence frameworks tend to blur the dividing line between the two
 - it must be clear whether (or when) a teacher is evaluated against a set of expectations, which are themselves shaped and constrained by policy choices and to which he or she has to conform, and whether (or when) he or she is evaluated against a set of pedagogical and/or development objectives, for which advice and additional training are provided
 - when the latter is the case, self-evaluation and the writing of evaluation reports, if at all possible, should be encouraged as correctives to a mechanical, decontextualised approach
 - in all circumstances, the emphasis ought to be on teaching and pupil learning, the latter not to be confused with pupil results
- For evaluative purposes, checklists are best avoided and references to a competence framework should be reasonably short and general
- **Integration of the competences in context** (including pedagogical objectives) is key

“Humor can be dissected, as a frog can, but the thing dies in the process and the innards are discouraging to any but the purely scientific mind.”

E. B. White (1899-1985)