



Practices in Teaching Circular Assessment and Evaluation Economy – Learn Forward

Caledonia – Campus Learning and Development Initiatives Hub Anne Nevgi and Niclas Sandström

University of Helsinki

Caledonia HUB

"The radical principle of pedagogy: Be interested in how your students learn!" Niclas Sandström, 2019

14.11.2019

© Caledonia HUB

Caledonia hub: Anne Nevgi and Niclas Sandström

achieving those outcomes... learning activities that are likely to result in their fundamental task is to get students to engage in "If students are to learn desired outcomes in a reasonably effective manner, then the teacher's

does is actually more important in determining what is learned than what the teacher does." It is helpful to remember that what the student (Shuell 1986, 429)

© Caledonia HUB



CALEDDNIA



Caledonia hub: Anne Nevgi and Niclas Sandström

© Caledonia HUB

14.11.2019

as a new curriculum or methods." simply add "good" components, such "Attempts to enhance teaching need to (Biggs, 1996, 350) address the system as a whole, not

Caledonia HUB

Caledonia hub: Anne Nevgi and Niclas Sandström

Constructive alignment & evaluation

of teaching (Biggs, 1996, Biggs & Tang, 2013)

- What you aim to teach?
- Content, skills, attitudes? Facts, theories, models? Problem-solving, critical thinking, independence, self-regulation in learning, self-confidence...?
- How you support your students to learn?
- Create open and trustful atmosphere, do not pretend to be someone else.
- Describe a course as a learning process, design learning activities as steps forward.
- How you know that your students learn?
- Be interested in!
- Integrate assessment as a part of teaching.
- How you know that you have succeeded as a teacher?
- Ask your students to tell how they feel? Share student feedback with students.

SOLO -taxonomy Structured observation of learning outcome

- How to assess the quality of learning not how many bits students have got right?
- Complexity of learning as levels of understanding:
- 1) PRESTRUCTURAL misses the point, do not understand the question.
- 2) UNISTRUCTURAL some aspects of the task are covered.
- 3) MULTISTRUCTURAL several but unrelated aspects of the task are covered.
- RELATIONAL aspects are integrated as a whole.
- 5) EXTENDED ABSTRACT a whole is generalised to new applications.

http://www.johnbiggs.com.au/academic/solo-taxonomy/

SOLO-taxonomy

CRITICAL THINKING

CALEDONIA

Prestructural **Misses** point Unistructural ldentify, Do simple procedures Multistructural List Enumerate Combine Do algorithms Describe Apply Relate Analyse Explain causes Contrast Compare Relational F 4 **Extended** abstract Hypothesise Generalise Reflect Theorise F

© Caledonia HUB

Anne Nevgi, Caledonia Hub, University of Helsinki, Finland

Bloom's Taxonomy







© Caledonia HUB

what is the bottom line of acceptable How you share with your students

performance?

14.11.2019

© Caledonia HUB

Caledonia hub: Anne Nevgi and Niclas Sandström

© Caledonia HUB

Level of acceptable performance

CALEDONIA

How to create a rubric for assessing learning outcomes?

Criteria	Beginning	Developing	Accomplished	Exemplary
Stated objective or	Description of	Description of	Description of	Description of
performance	identifiable	identifiable	identifiable	identifiable
	performance	performance	performance	performance
	characteristics	characteristics	characteristics	characteristics
	reflecting the	reflecting	reflecting	reflecting the
	beginning level of	development and	competent	expertise and
	performance.	movement toward	performance.	highest level of
		mastery performance.		performance.
Write your objective here	Description	Description	Description	Description

Caledonia hub: Anne Nevgi and Niclas Sandström

© Caledonia HUB

14.11.2019

How to score a rubric?

(1) Poor; (2) Good; (3) Excellent

What is the bottom line of accepted performance?

(0) Fail; (1) Passable; (2) Satisfactory; (3) Good; (4) Very Good; (5) Excellent

(1) Beginning; (2)) Developing; (3) Accomplished; (4) Exemplary

(0) Unacceptable; (1) Developing; (2) Acceptable; (3) Exemplary

(0) Does not meet standard; (1) Approaches standard; (2) Meets standard; (3) Exceeds standard

Caledonia hub: Anne Nevgi and Niclas Sandström

Caledonia HUB

14.11.2019

Rubric is a tool for sharing criteria

- Any tool developed for effective teaching becomes harmful if it is taken away from the classroom context.
- Students and teachers should share openly their conceptions concerning criteria on a continuous basis for constructing and modifying rubrics.
- Iterative process: Development of a rubric is based on a continuous feedback from students and

References

- Biggs, J. (1996). Enhancing teaching through constructive alignment, *Higher Education*, 37, 347-364.
- Biggs, J. & Tang, C. (2013). *Teaching for quality learning at university: What the student does*. 4th ed. Maidenhead: Society for Research into Higher Education & Open University Press.
- Crisp, G. T. (2012). 'Integrative assessment: reframing assessment practice for current and future learning' *Assessment & Evaluation in Higher Education*, 37(1), 33–43.
- Sandström, N. (2019). The radical principle of pedagogy: Be interested!
 Personal communication August, 18th, 2019.
- Shuell, T.J. (1986). 'Cognitive conceptions of learning', *Review of Educational Research, 56*, 411--436.