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Assessment *of* or *for* (online) Learning

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Why assessment?

- to improve and extend students' learning;
- to assess students' knowledge and competence in terms of desired learning goals or outcomes;
- to provide the teacher/instructor with feedback on the effectiveness of their teaching and how it might be improved;
- to provide information for employers about what the student knows and/or can do;
- to filter students for further study, jobs or professional advancement;
- for institutional accountability and/or financial purposes
- …

Cf: Assessment of learning, in "Teaching in a Digital Age", by Tony Bates

Learning objectives: why?

✓ Learners

"Students expressed relief and gratitude at being given clear direction as to how to focus their efforts, most notably in the lectures, and also in organising their studying, reviewing, and preparing for exams."

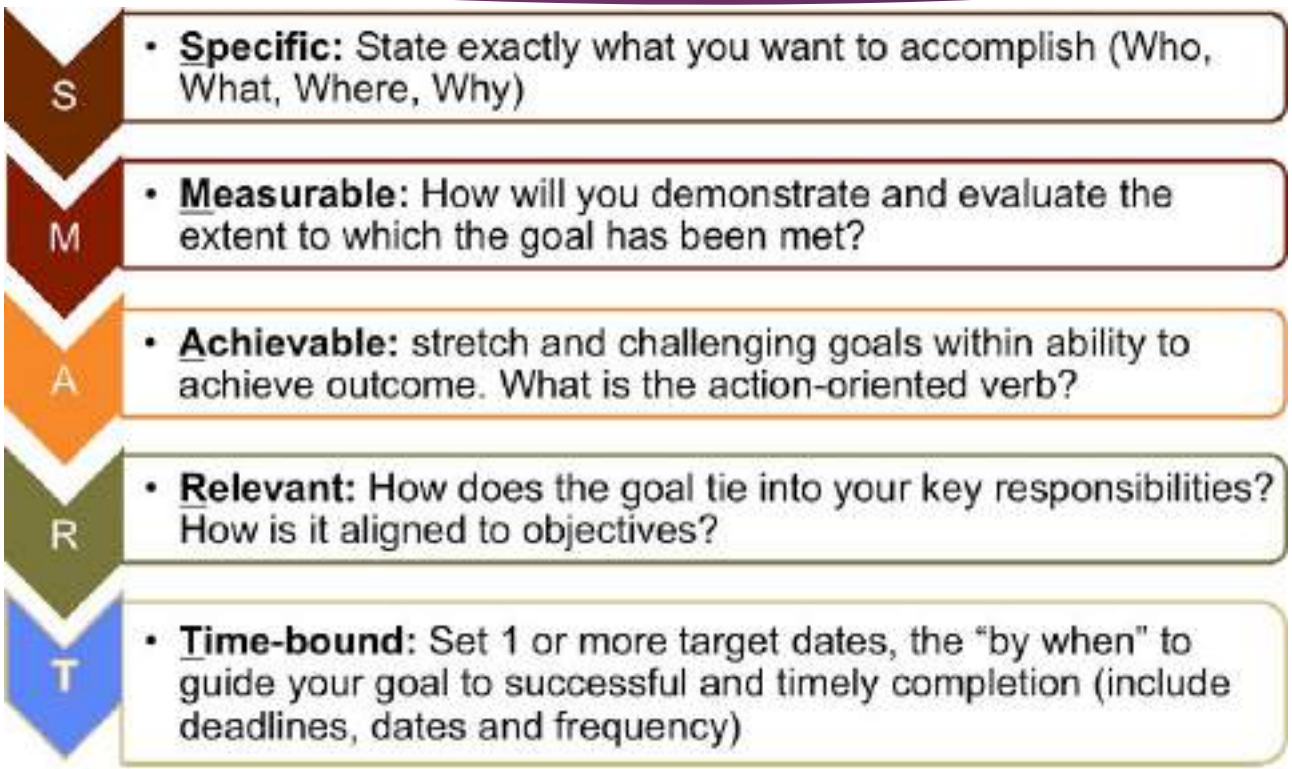
Simon, B. & Taylor, J., 2009

✓ Teachers

"The most common point made by the instructors was that learning goals enhanced communication, both with students and other faculty members… The instructors mentioned that the learning goals streamlined the process of writing exam questions and improved assessment."

Simon, B. & Taylor, J., 2009

Learning objectives: SMART formulation



What is the difference between...

Formative	Summative
• Occur during a learning activity • Aim to monitor student learning • Provide students with feedback • May occur several times during a course • Can use a wide range of question formats	• Occur at the end of a learning activity • Aim to evaluate student learning • Yield a specific score or result • May occur only a few times over the course of a year • Can only use a limited number of question formats

Teachers should be skilled in…

- choosing appropriate assessment methods
- developing appropriate assessment methods
- administering, scoring and interpreting the results of assessment methods
- using assessment results when making decisions about individual students, planning teaching, developing curriculum, and school improvement
- developing valid pupil grading procedures which use pupil assessments
- communicating assessment results to students, parents, other lay audiences, and other educators
- recognizing unethical, illegal, and otherwise inappropriate assessment methods and uses of assessment information

https://buros.org/standards-teacher-competence-educational-assessment-students

Trends in assessment

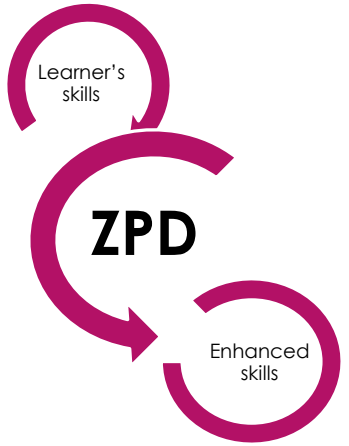
- Authentic assessment
- Accessible assessment
- Appropriately automated assessment
- Continuous assessment
- Secure assessment

Effective assessment:

SUMMATIVE ASSESMENT – learners' continuous self-development,
learners' self-reliance,
learners' objective self-assessment;

. ***Learn Continuously***
. ***"Learn to Develop"***
. ***"Collaborate to Learn"***

FORMATIVE ASSESMENT – providing developmental feedback,
teaching how to self-assess,
stimulating peer feedback.



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Formative Assessment

Capturing the processes of learning

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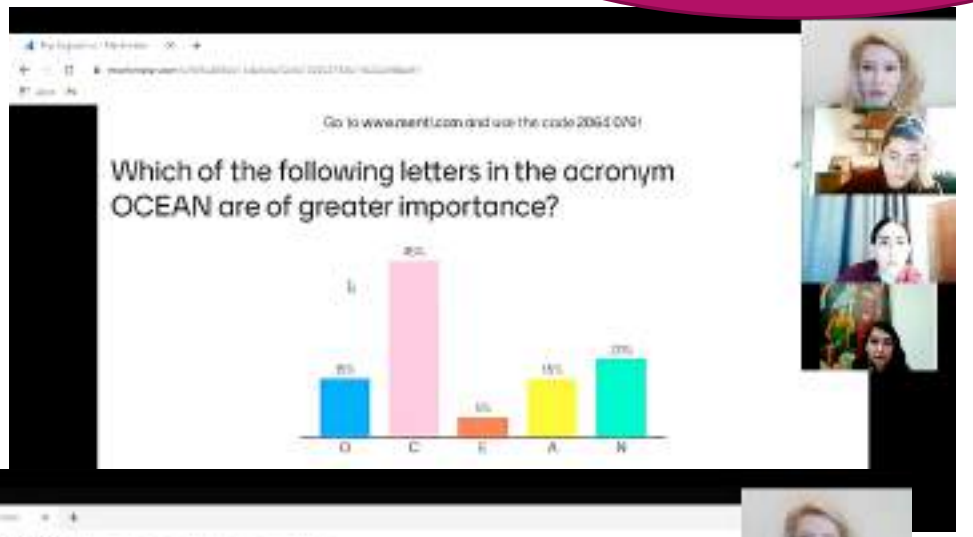
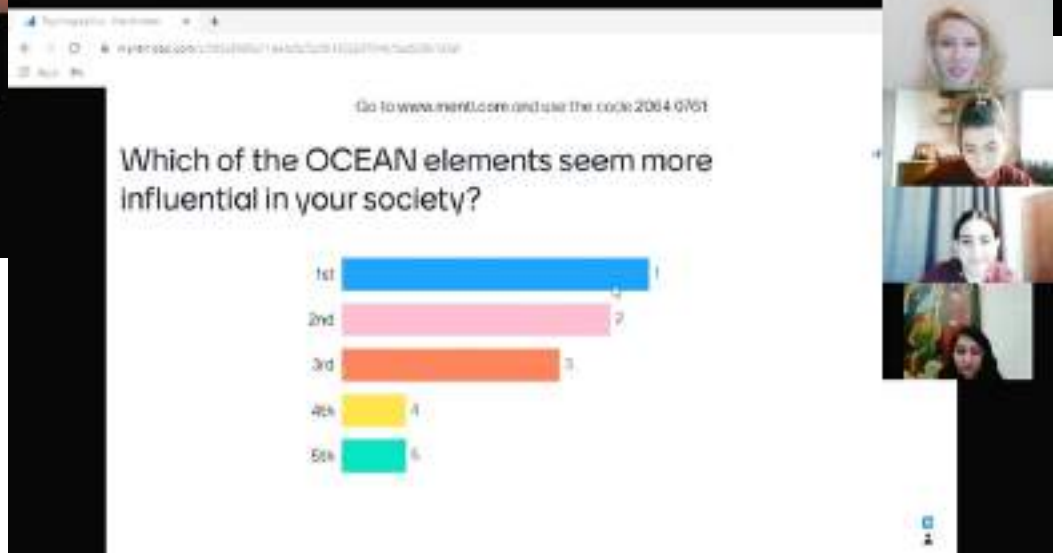
Formative Assessment

Pausing, reviewing (Spaced Learning)





Facilitating reflection and self-assessment in learning

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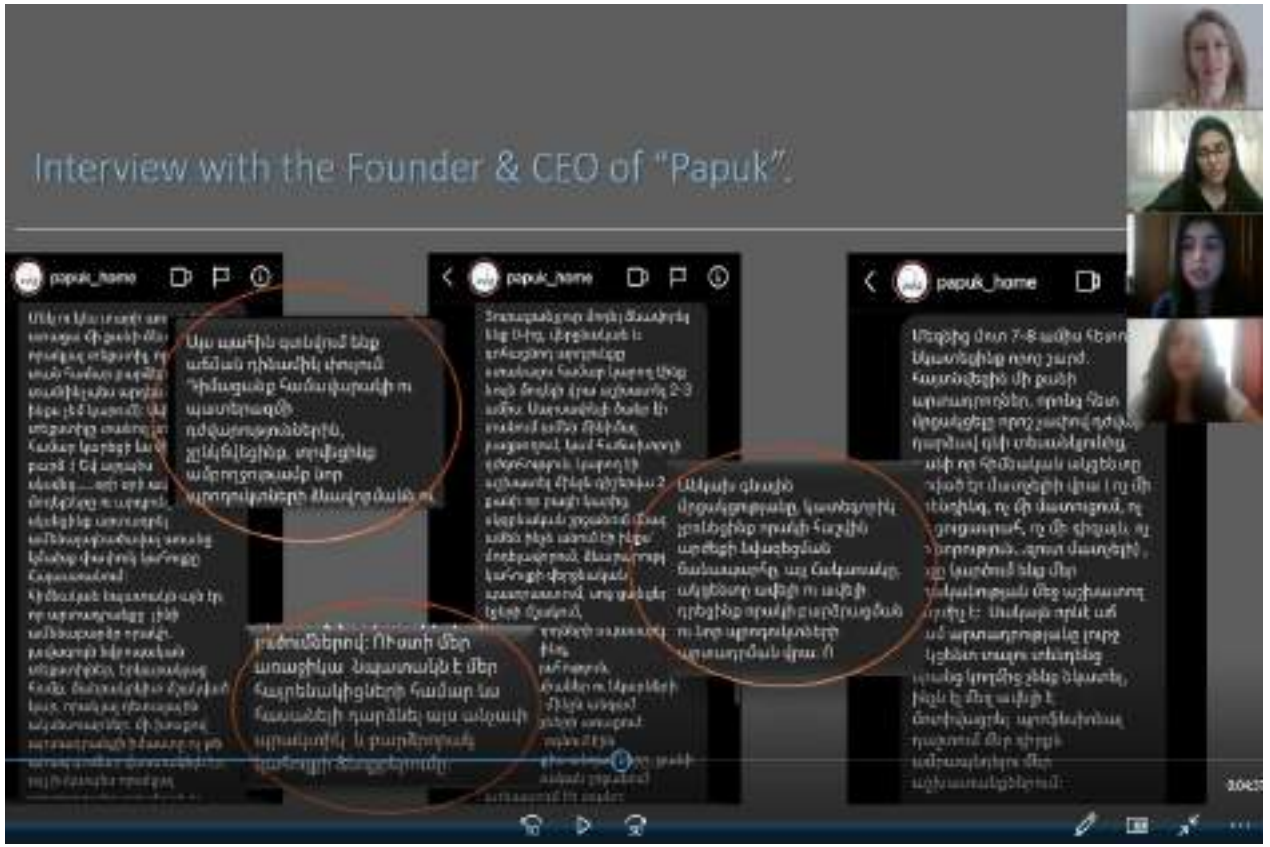
Facilitating IBL

Summative Assessment

Activating peers to become both drivers and assessors



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Encourage positive motivational beliefs and self-esteem

Supporting learners in self-monitoring and self-assessment

Summative Assessment: Vlogging

Capturing the outcomes of learning &

Providing opportunities to act on feedback

Conclusions & Takeaways

- *Resonating with SMART: Measuring the learners' cognition*
- *Pre-teaching*
- *Delivering concise feedback on self-correction*
- *Encouraging learners' positive motivational beliefs and self-esteem*
- *Preparing learners to act on feedback*

- **Providing learners with the assessment criteria**
- **Supporting continuous learning**
- **Ensuring timely and developmental feedback**
- **Stimulating dialogue and acknowledging the learners' group efforts**

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THANK YOU FOR YOUR ATTENTION