



Two Topics:

1. Formative assessment
2. AERA model of lesson design

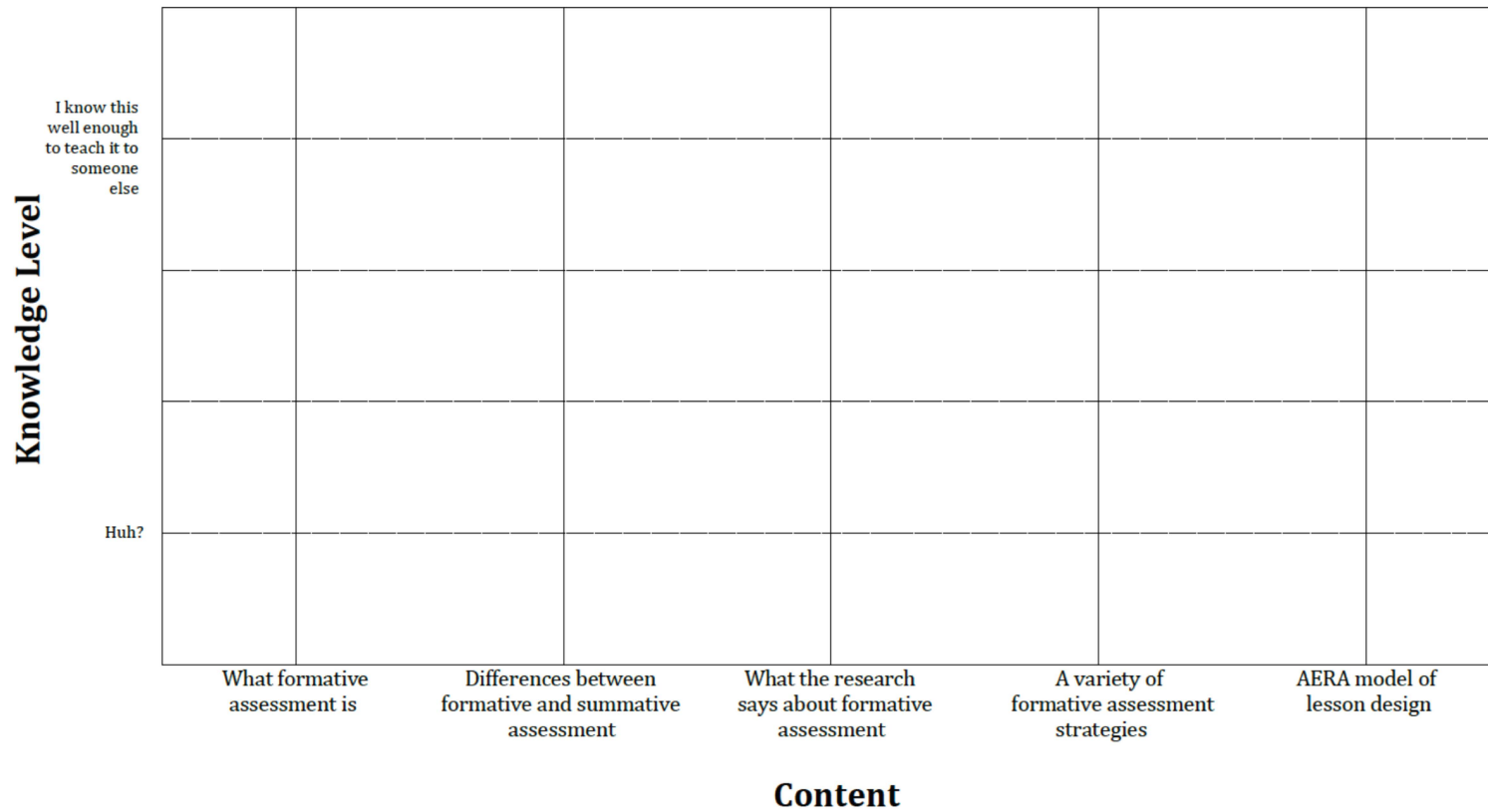


Outcomes:

- Describe what formative assessment is.
- Differentiate between formative and summative assessment.
- Understand what the research says about formative assessment.
- Leave with a variety of formative assessments you can easily use in class.
- Identify the components of the AERA model of lesson design in order to apply it in your own lessons.

Formative Assessment AERA Model of Lesson design

Create a graph to show your current knowledge level for each content item listed below.



Formative assessment refers to a wide variety of methods that teachers use to conduct in-process evaluations of student comprehension, learning needs, and academic progress during a lesson, unit, or course.

Formative assessments help teachers identify concepts that students are struggling to understand, skills they are having difficulty acquiring, or learning standards they have not yet achieved so that adjustments can be made to lessons, instructional techniques, and academic support

Formative Assessment vs. Summative Assessment



Picture accessed 1/19/16 from: <https://www.pinterest.com/pin/145452262935656808/>

Formative assessment

occurs along the way

assessment FOR
learning

immediate feedback
for professor and/or
learner

a “physical”

Summative assessment

occurs at the end

assessment OF
learning

delayed feedback
for professor and/or
learner

an “autopsy”

What the



**says about
formative
assessment**

image: Freepik.com

Quick and Easy Formative Assessments

- Out the door
- Doodle it
- Human graph
- Temperature reading
- Four corners
- Fist to five
- 7 word summary
- Kahoot and Quizlet
- Gradecam

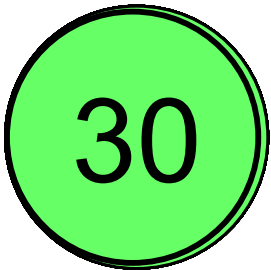
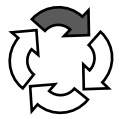


Photo created by yanalya - www.freepik.com

What question goes with this answer?

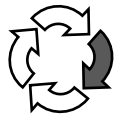
**Formative
assessment**

The AERA Model of Lesson Design



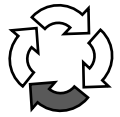
Anticipating learning

Peak and valley graph



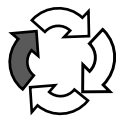
Engaging with concepts and content

Card sort, text rendering,



Rehearsing and elaborating

Reciprocal teaching



Assessing for learning

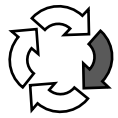
What question goes with this answer?

Four questions to ask yourself when designing a lesson



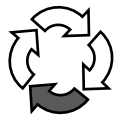
Anticipating learning

How will I activate my students prior knowledge and “prime the pump” for learning?



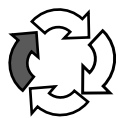
Engaging with concepts and content

In what ways will I engage my students with the content and concepts I am teaching?



Rehearsing and elaborating

What will I do to give my students opportunities to make this learning their own?

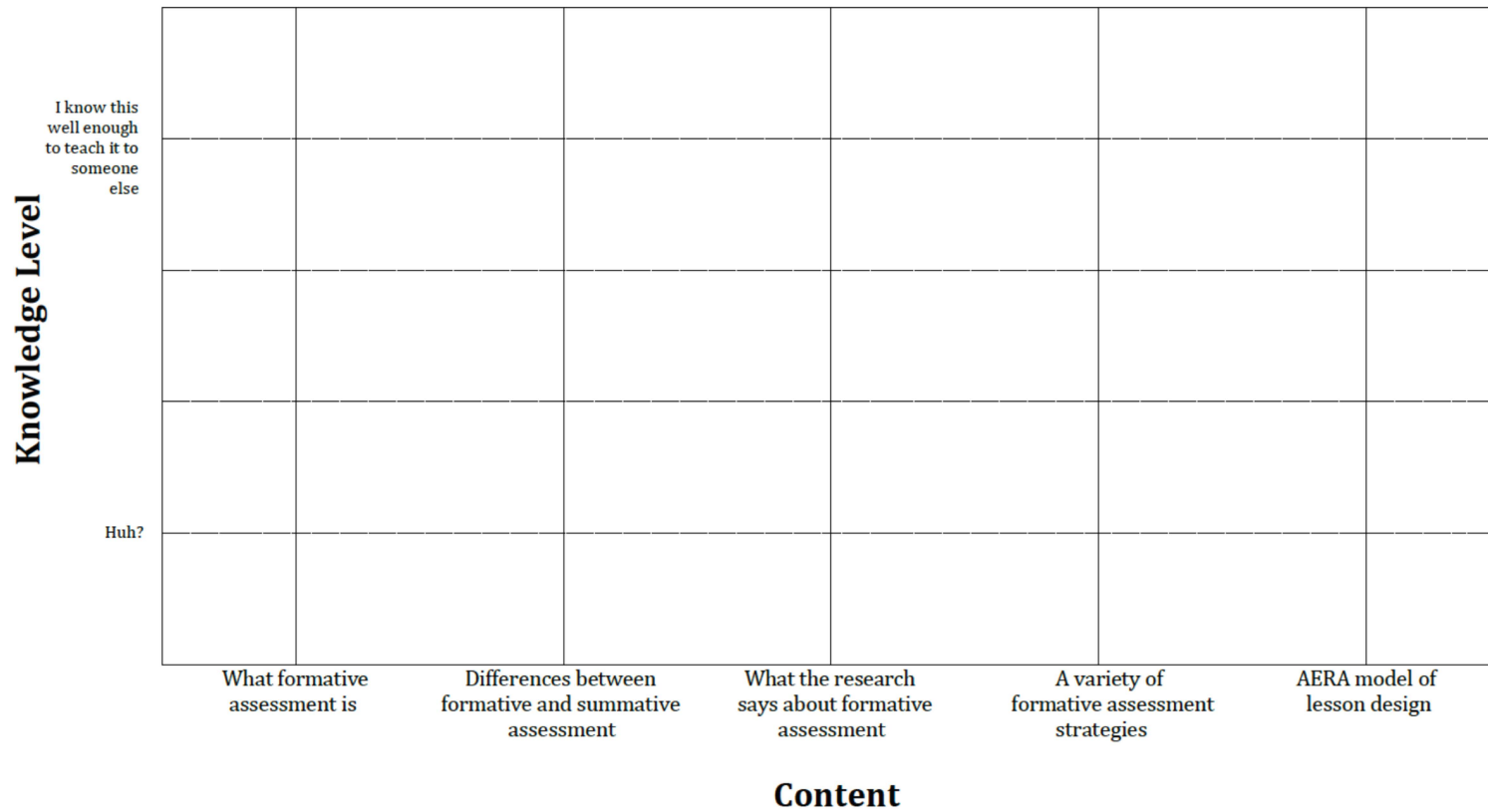


Assessing for learning

How will I know what students have learned when they leave my classroom for the day?

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What questions do you have?



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