

Formative Vs Summative Assessment

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Topics

- **What** is **formative** assessment?
- **What** is **summative** assessment?
- **Why** we need **formative** assessment?
- **What** are the **Formative** assessment **Strategies?**
- **How** to design a **formative** assessment?
- **Why** to **document** formative assessment?
- **How** to **document** formative assessment?

Formative assessment

The goal of formative assessment is to help:

- Instructor to monitor student's learning to provide ongoing feedback that can be used to improve their teaching

• Student to improve their learning.

Formative assessment

More specifically:

- Students identify their strengths and weaknesses and target areas that need more effort.
- Instructors recognize where students are struggling and address weakness.

Formative assessment

- Formative assessments are generally low stakes, which means that they have low or no point value.

Summative assessment

- The goal of summative assessment is to evaluate student's learning at the end of an instructional unit by comparing it against some standard or benchmark.

Summative assessment

- Summative assessments are often high stakes, which means that they have a high point value.

Summative assessment

- Information from summative assessments can be used *formatively* when students or faculty use it to *guide* their efforts and activities in *subsequent courses*.

Why we need **Formative** assessment

- Although it is called formative “Assessment”, but in fact it is a method of “Teaching” or “Learning”.
- We do formative assessments to help students to “Test” and “Optimize” their understandings and abilities without losing grades.

Formative assessment Strategies:

Assessment for Learning Five Key Strategies

Sharing
Learning
Expectations

Questioning

Feedback

Self
Assessment

Peer
Assessment

Formative assessment Techniques:



50 Everyday Formative Assessment Strategies



teachthought
WE GROW TEACHERS

VISUAL 

Pictionary ~ 1-pagers ~ Concept map ~ Abstract to concrete ~ Affinity map ~ Concept attainment ~ Hexagonal thinking

WRITTEN 

Think-write-pair-share ~ GIST ~ Chain of understanding ~ Costa's ?s ~ Bloom's stems ~ Power minute ~ Word cloud ~ 3-2-1 ~ Top 10 ~ Haiku ~ AB ~ Circle square triangle

DISCUSSION

Concentric circles
Philosophical chairs
Socratic seminar
Fishbowl
Ongoing conversations
Conver-stations
Save the last word for me
TQE method
Catch phrase
Analogy prompts



DIGITAL 

Padlet
EdPuzzle
Kahoot!
Quizlet
Google Forms
TikTok
Flipgrid
Poll Everywhere

KINESTHETIC 

Response cards ~ Hand signals ~ Give 1 get 1 ~ 4 corners ~ Trashketball ~ Beach ball questions ~ Simulation ~ Gallery walk ~ Bloom's dice ~ Pinwheel discussion ~ I have the question, who has the answer? ~ Hot seat ~ Tic-tac-toe

How to design a **formative** assessment:

- Formative assessments, like summative ones, need to be designed to tackle learning outcomes.
- Formative assessment should be as challenging as summative ones. Student should know how will he/she perform in the summative task.

How to design a **formative** assessment:

- In fact, many students will be *self-motivated* to involve seriously in the formative assessments, but others may *need some incentives* to participate seriously.

How to design a **formative** assessment:

Incentives may be:

- Share part of lecture as the presenter
- Publish output to all students
- Choose to be the role model.
- List of fame.
- Minor administrative exceptions in course.
- Some staff provides a “cup of coffee”!

And the list is limitless.....

Summative Vs Formative

Formative

Help students to learn and practice

When

Throughout the course

Why

Identify gaps and improve learning

How

Via approaches that support specific student needs

Summative

Assess student performance

When

At the end of the instructional period

Why

Collect evidence of student knowledge, skill or proficiency

How

Via exit learning products or a cumulative assessment

Summative Vs Formative

Summative Assessments

- State Assessments
- District Benchmarks
- End of unit/term Assessments
- Standards-based Assessments

- Both assess learning
- Both are used for feedback
- Both are used for future planning

Formative Assessments

- Quizzes
- Observations
- Homework/Classwork
- T/Charts, Venn Diagrams

How to document **formative** assessment

- Ordinary documentation such as written samples archiving.
- Unordinary documentation such as film recording, voice notes, presentations, activity description, and any other methods that may suit the activity type.

Why to document **formative** assessment

- “Documentation” is a method for “Self monitoring” and “Experience transferring”.
- When I document an activity, I can self evaluate later to enhance performance.

Why to document **formative** assessment

- When I document, I can let others know what I do to enlighten them,
- When I document and share, others may comment, thus I may be enlightened.

Why to document **formative** assessment

- It is a very *valuable asset* to be officially documented in the *Course File*. Thus, it has been decided officially from the *faculty council* to be documented and included in the CF.

- SP – a separate part to be included by the end of item # 02
“Students activities. **Spring 2022**

2	<p>Students Activities:</p> <ul style="list-style-type: none"> • Printout Assignments, Reports, Sheets, Others and one sample from each activities. • Marked samples from students' answers, with their ID to be clearly indicated on all samples. • Formative assessment documentation (to be added by the end of the file) 	02- Course Code <u>Students Activities</u>
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- i-CHEP – separate item no # 08 **Spring 2022**

8	<p>answer of LOS matrices.</p> <p>Formative Assessments: Mandatory starting from Spring 2022</p> <ul style="list-style-type: none"> • Formative Assessments offered to students. At least two formatives should be offered. • Model answer and /or Evaluation Criteria MUST be included. 	08-ForS_ Course code_ Semester.doc
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Questions



Thank You
God Bless All of You