Three quick ways to formatively assess with digital tools

1. (One-)minute paper

What do you want to assess	Student knowledge and skills
How is it done?	**Several minutes before the end of class.** Students respond to one or two short questions (best done anonymously): • What was the most meaningful thing you learned in today's class? • What questions do you still have? Review results before next class to clarify or elaborate.
Digital tools	• Tweedback • Frag.jetzt • Miro • Moodle (Choice/Feedback)

2. Survey or polling questions

What do you want to assess?	Student attitudes, values, and self-awareness
How is it done? **Tip:** If it's your first time doing this with your students, give them enough time to read the question, think about it, and respond. You can set a time limit. Like anything new, be prepared for teething problems. Try it several times and evaluate the results.	**Option 1. At the beginning of class** To gauge students' preconceptions or perceptions on a topic **Option 2. During class** The results can be shown in real time and used immediately for feedback or in the next session (e.g., exit poll). **Option 3. Over a unit or semester** Use pre- and post-assessment polls or self-assessment surveys to track changes and development. Students fill out a short questionnaire (one to three questions). It is best delivered anonymously so that students feel free to answer honestly.
Digital tools	• Tweedback • Frag.jetzt • Miro • Moodle (Choice/Feedback)

3. Concept maps

What do you want to assess?	Student knowledge and skills
How is it done?	**(A)synchronous option** Students (individually or in small groups) create a diagram showing relationships between important concepts and ideas (from the lecture, course overall, and/or other learning experiences) with linking words or phrases that describe how the ideas are related to each other.
Digital tools	• Moodle (Assignment) • Miro

Questions to help evaluate the effectiveness of a formative assessment strategy & digital tool
- What information are you receiving about your students' knowledge, learning, and skills?
- How will you use the data to inform your next steps (e.g., offer more practice)?
- How are students responding to this formative assessment strategy or digital tool? Is anyone being left out as a result?
- What adjustments can you make to your teaching to better support student learning?

Looking for more ideas?

Take a look at our guide on enhancing learning through formative assessment and feedback.