# Three quick ways to formatively assess with digital tools

## 1. (One-)minute paper

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

## 2. Survey or polling questions

| What do you want to assess? | Student attitudes, values, and self-awareness |
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| **How is it done?**<br><br>**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.<br><br>Like anything new, be prepared for teething problems. Try it several times and evaluate the results. | **Option 1. At the beginning of class**<br>To gauge students' preconceptions or perceptions on a topic<br><br>**Option 2. During class**<br>The results can be shown in real time and used immediately for feedback or in the next session (e.g., exit poll).<br><br>**Option 3. Over a unit or semester**<br>Use pre- and post-assessment polls or self-assessment surveys to track changes and development.<br><br>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<br>• Frag.jetzt<br>• Miro<br>• Moodle (Choice/Feedback) |

## 3. Concept maps

| What do you want to assess? | Student knowledge and skills |
|---|---|
| **How is it done?** | **(A)synchronous option**<br><br>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)<br>• 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.