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DIGIHEALTH

Assessment Methods

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Formative assessment

- The goal of formative assessment is to monitor student learning to provide ongoing feedback
- This feedback can be used by instructors to improve their teaching and by students to improve their learning.
- More specifically, formative assessments:
 - help students identify their strengths and weaknesses and target areas that need work
 - help faculty recognize where students are struggling and address problems immediately



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Formative assessment

- Formative assessments are generally *low stakes*, which means that they have low or no point value.
- Examples of formative assessments include asking students to:
 - draw a concept map in class to represent their understanding of a topic
 - submit one or two sentences identifying the main point of a lecture
 - turn in a research proposal for early feedback



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Summative assessment

- The goal of summative assessment is to evaluate student learning at the end of an instructional unit by comparing it against some standard or benchmark.
- Summative assessments are often *high stakes*, which means that they have a high point value.



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Summative assessment

- Examples of summative assessments include:
 - a midterm exam
 - a final project
 - a paper
 - a senior recital
- Information from summative assessments can be used formatively when students or faculty use it to guide their efforts and activities in subsequent courses.



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Formative vs. Summative Assessment

| Formative Assessment | Summative assessment |
|-------------------------------|-----------------------------|
| monitors student learning | evaluates student learning |
| a process of assessment | a product of assessment |
| takes place during learning | takes place after learning |
| used by students and teachers | used by teachers |
| not graded (or low stakes) | always graded |



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Examples of some Formative Assessment Tools

1. ASSISTments

- ASSISTments is a forever free online math platform that makes it easy for teachers to assign online from their curriculum, and assess student progress in the classroom or remotely.
- When working on assignments within ASSISTments, students get immediate feedback as they go and teachers get actionable data, which they use to focus instructional time where students need the most support.



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Examples of some Formative Assessment Tools

2. Flipgrid

- Flipgrid: is a video discussion platform, that allows students to respond to questions, topics, and reflect using video.
- Students can also respond to each other, leave comments, and more. (Free)



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Examples of some Formative Assessment Tools

3. Google forms

- Google forms: is a survey and quiz tool that is very easy to use.
- You can feed your form or quiz data into a Google Sheet for analysis and evaluation.
- Both Google Forms and Sheets also have many “add-ons” that give users even more capabilities that can power your formative assessments. (FREE)



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Examples of some Formative Assessment Tools

4. KAHOOT

- Kahoot! is a game-based learning and trivia platform that allows you to create very engaging quizzes for your classroom.
- Kahoot! is super fun and addictive.
- You can create your own kahoots, or choose from their library of games.
- Play live kahoots, in groups, issue challenges, or assign as homework. (FREE)



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Examples of some Formative Assessment Tools

5. Mentimeter

- Mentimeter: is an interactive presentation tool that allows you to poll your students, check for understanding, or ask students to vote.
- There are several different types of questions you can create, image-based, multiple-choice, scales, open-ended, questions from the audience and more.
- You can even generate word clouds out of responses! (Freemium, some features are free.)



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Examples of some Formative Assessment Tools

6. Padlet

- Padlet: is a super easy way to create an online bulletin board that allows teachers and students to share and collaborate.
- What's great about Padlet is that it offers so much flexibility! It works on any device, and you can share just about any type of information—text, links, upload files, photos, videos, just about any kind of response.
- There are also many different ways you can design your pages. Customize the background, organize information in new ways. (Free trial available)



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Examples of some Formative Assessment Tools

7. Quizlet

- Quizlet: is a study tool that uses flashcards, games, and other “study sets.” to help students.
- Quizlet Live is a collaborative quiz game where students are placed into teams to work together to answer the questions and learn together.
(FREE)