

# Formative Assessment



Opportunities in the Flipped Classroom



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# Big Ideas

- Formative Assessment
  - What is it?
- Tools you can use
- Some Places to go
- Try it Out



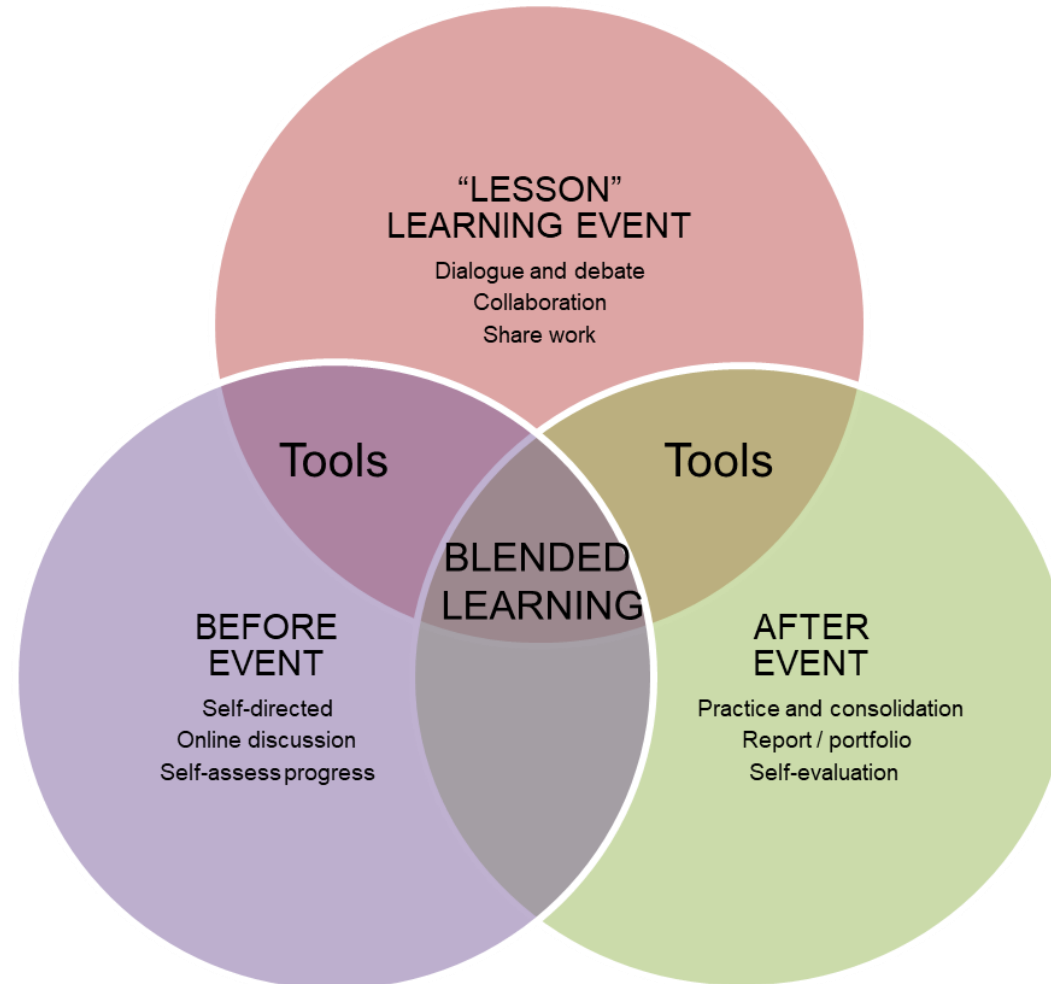
# Lots of choices



While blended learning can take many forms, the defining feature involves a programme of study which involves a combination of online and on-site learning experiences. The blended aspect of the experience may include:

- On-site face-to-face tuition where teachers use digitally prepared presentations, class polls and other digital tools to engage learners.
- A Learning Management System (LMS) which forms the core of a Virtual Learning Environment (VLE) designed to support online discussion, digital learning resources, tests and quizzes for formative and summative assessment, and course administration.
- A Video Conferencing System that supports online synchronous learning and consultations with teachers and small group discussions with peers.
- Access to an electronic textbook and/or the provider's digital library resources that can be accessed remotely and seamlessly through the LMS/VLE.
- A dedicated IT platform that supports the recording and playback of digital audio and video, which usually integrates with the LMS/VLE.
- Links to Open Educational Resources (OERs) freely available through the Internet, which are regularly shared during on-site classes and through the LMS/VLE.
- A platform typically integrated into the LMS/VLE that facilitates development of and access to an e-portfolio for critical self-reflection and formative assessment.
- Learning activities and assessment tasks that require or encourage students to use a wide variety of digital tools to successfully meet the learning outcomes.
- Assessment submitted, often checked for originality and academic integrity through specialist platforms, then marked and returned to learners with feedback through digital technology.
- Student support and development services that enhance learner success, including online resources for writing, mathematics, career advice, etc.

# The “flipped classroom”

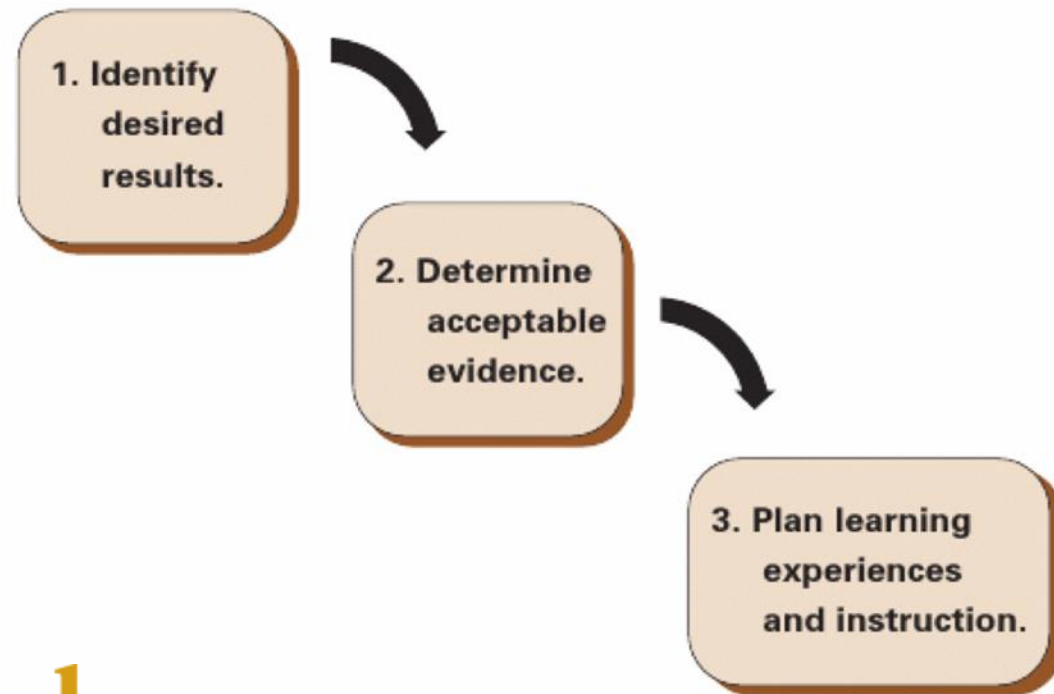


# Where to start

Figure 1.1

**UbD: Stages of Backward Design**

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- Start with learning outcomes
- Decide what evidence to collect?
  - What will show they have achieved the learning outcomes
- Plan your teaching activities based on the evidence



# What is Formative Assessment?

FORMATIVE SUMMATIVE



WHEN THE **CHEF**  
TASTES THE SOUP



WHEN THE **GUESTS**  
TASTE THE SOUP



@bryanmathers

FROM STEVE WHEELER'S BLOG "THE AFL TRUTH ABOUT ASSESSMENT"

# Using Kahoot

The screenshot shows the Kahoot! Premium Reports interface for a quiz titled "Biology: Organ Functions (Basic)". The top navigation bar includes "Premium", "Home", "Discover", "Kahoots", and "Reports", along with a "Create" button and settings/info icons. The report is for a "Live" session on "Feb 21 2020, 5:28 pm" hosted by "MsWoodchuck".

The main report area has four tabs: "Summary", "Players (15)", "Questions (18)", and "Feedback". The "Summary" tab is active, showing a "Well played!" message with a green progress indicator for "61% correct". It includes a "Play again" button and a summary of "15 Players", "18 Questions", and "15 min" duration. A "View podium" button is also present.

Below the summary are three sections:

- Difficult questions 2**: Shows a question about a tube that absorbs water and stores waste products. It has a "0% correct" result and an average time of "8.23 sec".
- Need help**: States "No one seems to need help".
- Didn't finish 3**: Lists players who did not finish: "Me", "Lorhon", and "QuickJaguar43", each with a score of 1.

A vertical "Feedback" button is located on the right side of the report.

# Using Mentimeter

Mentimeter  
**Makes learning more enjoyable**

IMPROVE  
LEARNING

**68%**

said Mentimeter increased their learning.

**72%**

felt more confident to participate with Mentimeter.

ENHANCE THE  
STUDENT VOICE

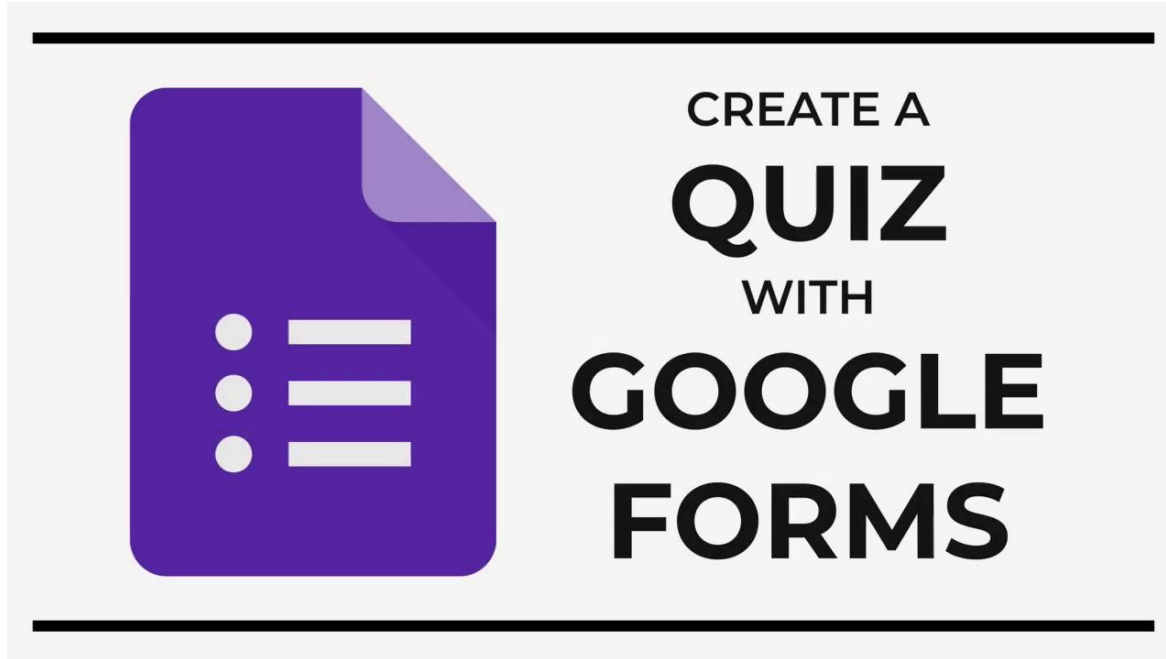
INCREASE  
STUDENT  
ENJOYMENT

**95%**

said their learning was more enjoyable with 68% saying they paid more attention.



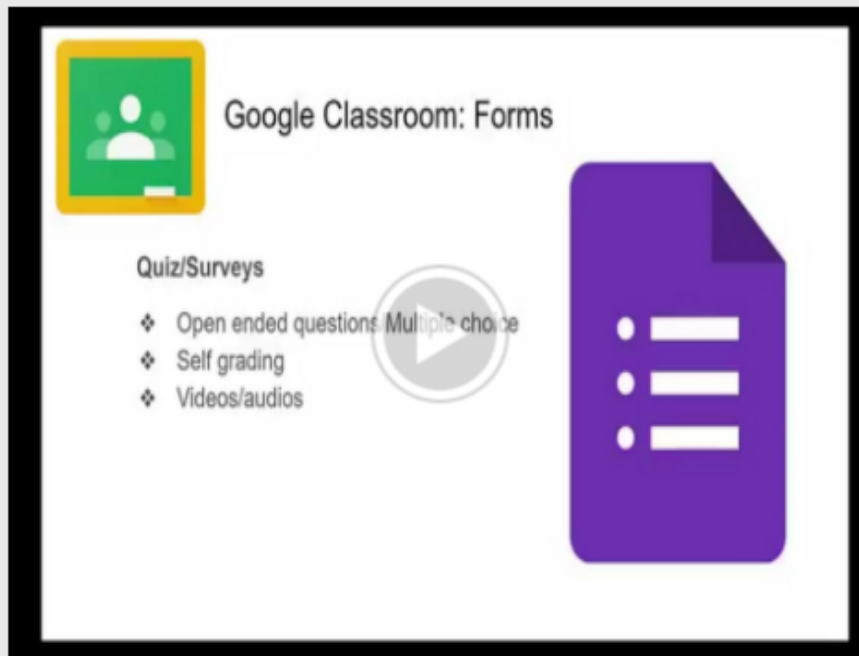
# Online Assessment Tools



- Online
  - Reusability
  - Automation
  - Multimedia
- Online Quizzes
  - Can provide personalised feedback
  - It is instant to you and learner
  - Can free up time for more active learning
  - You can use multimedia

# Link to a video on Google Classroom

## Using Assessment on Google Classroom



This video explains various ways that you can assess your students using Google Classroom.

Video by Frances O'Donnell Donegal ETB

<https://sites.google.com/donegaletb.ie/btei-tutor-support-videos/assessment-on-classroom>

# Using audio and video feedback



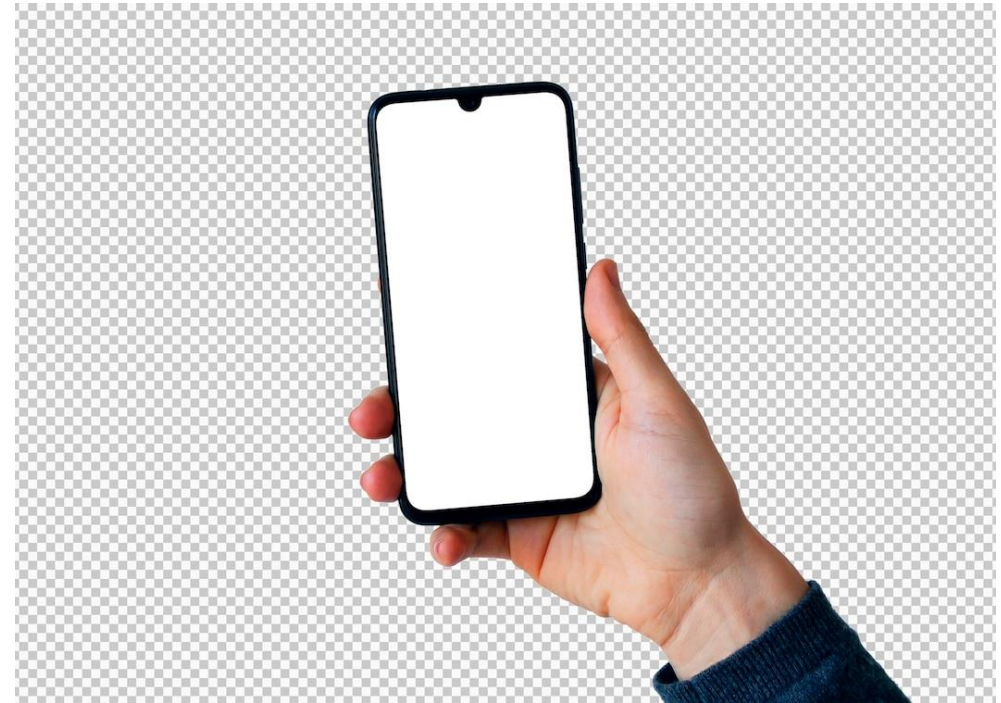
Listening to learn: How audio is  
personalising feedback

**Presenter:** Gemma Clarke

**Event Date:** 27 August 2019

# Formative Assessment on a Phone

- Using their phone to answer a quiz
  - Before class to see what they know
  - During class to check understanding
  - Gamification of learning
    - Fun
    - Learning
- Key is to use the data you collect



# Changing World of Assessment

**LESS GRADING.  
MORE ASSESSMENT.**

**FASTER FEEDBACK.**

**INCREASED  
DIFFERENTIATION  
IN ASSESSMENTS**

**EMPOWERING  
STUDENTS TO OWN  
THE ASSESSMENT  
PROCESS**

**HOW MIGHT AI CHANGE  
ASSESSMENT PRACTICES?**

**JOHN SPENCER**

**PREDICTIVE  
ANALYTICS**



# Try it Out



- Pick a tool to try out with your learners
  - What learning outcomes do you want to assess?
    - Before, During or After
  - What evidence will show learners have attained the learning outcomes?
    - Text, images, video etc.
  - What digital tool might work best for this purpose?
  - Then tell us how did it work?
    - Ask yourself and the learners
  - Have fun

# Blended Assessment



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