

tinyurl.com/yb2xrk4j



Using Digital Assessments

TO DRIVE INSTRUCTION

Summer 2018



MISSISSIPPI
DEPARTMENT OF
EDUCATION

Ensuring a bright future for every child

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VISION

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens.

MISSION

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community.

State Board of Education Goals: Five-Year Strategic Plan for 2016-2020

1. All Students Proficient and Showing Growth in All Assessed Areas
2. Every Student Graduates from High School and is Ready for College and Career
3. Every Child Has Access to a High-Quality Early Childhood Program
4. Every School Has Effective Teachers and Leaders
5. Every Community is Effectively Using a World-Class Data System to Improve Student Outcomes
6. Every School and District is Rated "C" or Higher

Local school districts have discretion over which technology partners and products are utilized in their districts. For legal advice regarding technology services, please contact your local school board attorney.

Agenda

- Formative assessments
- Multi-modal assessments
- Quizzing assessments
- Video assessments

Formative Assessments

Formative Assessments

A formative assessment is any **ongoing activity** that helps teachers **gain information about student learning.**

Formative Assessments

Teachers use this information to:

- Adjust their instruction
- Provide specific feedback to students

Formative Assessments

Good formative assessments:

- Provide feedback
- Motivate students
- Allow for instructional adjustment
- Are ongoing

DIGITAL Formative Assessments

DIGITAL formative assessments:

- Provide **immediate, specific** feedback
- **Motivate** students and **amplify** student engagement

DIGITAL Formative Assessments

DIGITAL formative assessments:

- Provide **real-time data** to allow for instructional adjustment or additional coverage of key concepts
- Can be **ongoing**

DIGITAL Formative Assessments

DIGITAL formative assessments:

- Makes the creation, administration, and grading of formative assessment **more efficient**

DIGITAL Formative Assessments

Types of digital assessments:

- Multi-modal assessments
- Quizzing assessments
- Video-based assessments

Multi-modal Assessments

Multi-modal Assessments



WEBSITE

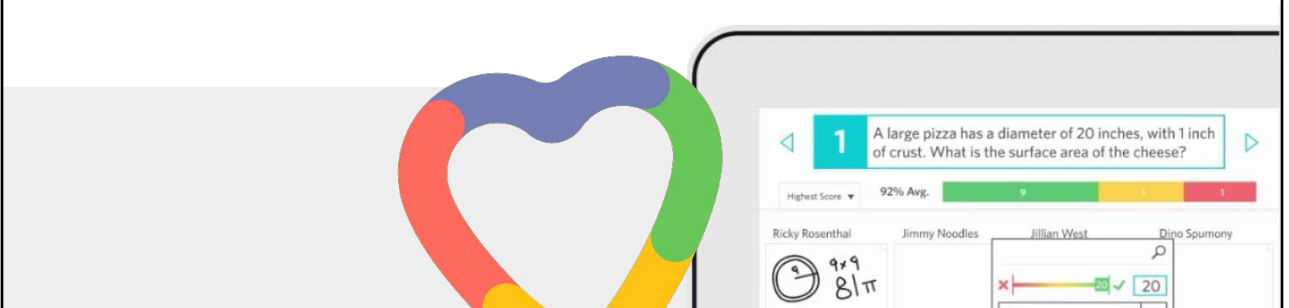
Formative

Key Features:

- Taken in real-time by all students OR in homework mode
- Multiple choice questions, show your work, short answer, true/false
- Questions can include image or video
- Upload existing assessments and add your own content

LET'S PLAY!

goformative.com/join | AGDVBJ



Assessment Data



Formative Example Live Results View

formative

Build > Preview > Live Results

A Sample Formative Assessment with Responses

View: Single Question 3 Filter: All

What is the surface area of the basketball court (in square feet)?

Sort: Last Name 11 Avg 78%

Piper Chapman: width = 50 feet, length = 94 feet, area = length x width = 94 feet x 50 feet = 4400 square feet

Jesse Proffman: 94, 50, 94 + 94 + 50 + 50 = 388 ft

Kyle Stark: Area = $l \times w = 94 \times 50 = 4,700 \text{ ft.}^2$

Francis Underwood: Area = Length x Width = $94 \text{ ft.} \times 50 \text{ ft.} = 4,700 \text{ ft.}^2$

Assessment Data



Formative Example Live Results View

The screenshot displays the Formative assessment interface. At the top, it says "formative" with a "Book call" and "dtp" button. Below that, it shows "Build > Preview > Live Results" and "Assign" and "Export" buttons. The main content is "A Sample Formative Assessment with Responses". It shows a question: "Would it be faster to add another worker alongside Max who can work twice as fast as Max OR give Max a machine that triples his rate but takes an hour to set up?". Below the question, there are four student responses:

- Piper Chapman:** If Max works alongside another worker, they would be at triple the rate. This is the same as with the machine but the machine would slow them down with the setup time.
- Arnel Pritchard:** Max should use the machine because it will triple his rate. This would be faster and cheaper than hiring another person.
- Phyx Stark:** Max currently works at 800 sqft/hr. Adding a super worker would allow the team to work at 2,400 sqft/hr. Using a machine would also allow a rate of 2,400 sqft/hr but would take an extra hour to set up, which is worse!
- Francis Underwood:** Adding another worker would be the same as adding a machine. Both would triple the rate and make a new rate of work at 2,400 square feet per hour.

At the bottom right of the responses, it says "Avg 75%".

Multi-modal Assessments



desmos

WEBSITE & CHROME APP

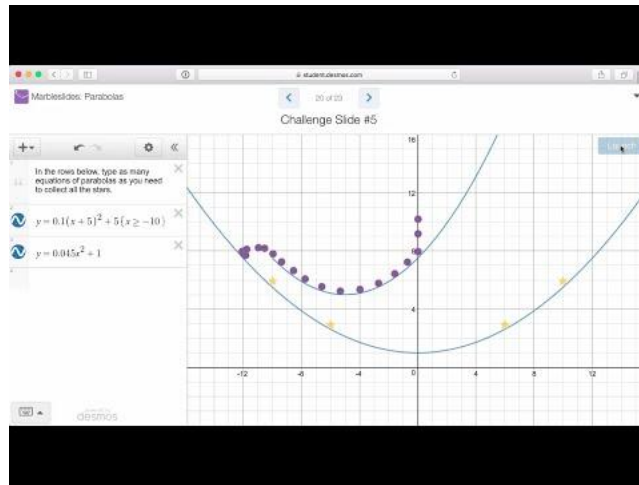


Desmos

Key Features:

- Online graphing calculator
- Plot functions, create tables, add sliders, animate graphs, and more
- Create student assessments

Multi-modal Assessments



Teacher Resources: www.teacher.desmos.com

Multi-modal Assessments



WEBSITE & APP



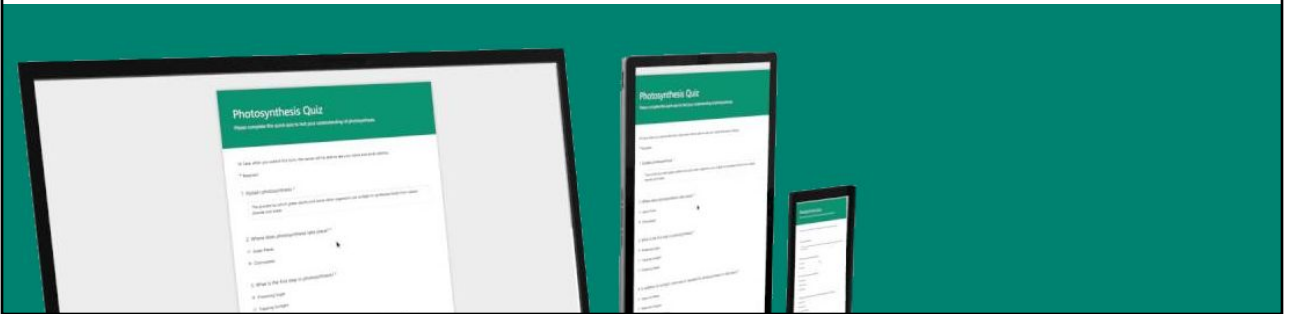
Microsoft Forms

Key Features:

- Multiple choice, short answer, rating, date, ranking and likert questions
- Assign correct answers and comments for answer choices
- Assign point values for each question
- Built-in math keyboard for writing equations

LET'S PLAY!

tinyurl.com/ycywc64g



Assessment Data



Microsoft Forms Example Results View


Review: Science Demo

People Questions

< anonymous > Time to complete: 00:53 Points: 0/60

1. Name 0 / 0 pts
Lilly *Auto-graded*

2. How can water be both a solid, liquid, and a gas? Points / 20 pts
Solid: ice, liquid: water, gas: water vapor *Needs review*

3. This image represents what state of matter? 0 / 15 pts
 *Auto-graded*

Assessment Data



Microsoft Forms Example Results View



Assessment Data



Microsoft Forms Example Results View

1	Start time	Completion time	Name2	How can water be both a solid, liquid, and a gas?	Points - How can water be both a solid, liquid, and a gas?	This image represents what state of matter?	Points - This image represents what state of matter?	Place the steps of the steps of the scientific process in the correct order?	Points - Place the steps of the steps of the scientific process in the correct order?	How well do you understand the three states of matter?
2	6/24/18 21:17:56	6/24/18 21:18:49	Lilly	Solid: ice, liquid: water; gas: water vapor	20	solid	0	Ask a question;Form a hypothesis;Observe and record;Draw conclusions;Experiment;Share your findings;	5	0
3										
4										
5										
6										
7										
8										
9										
10										
11										

Quizzing

Assessments

Quizzing Assessments

Kahoot!

WEBSITE & APP



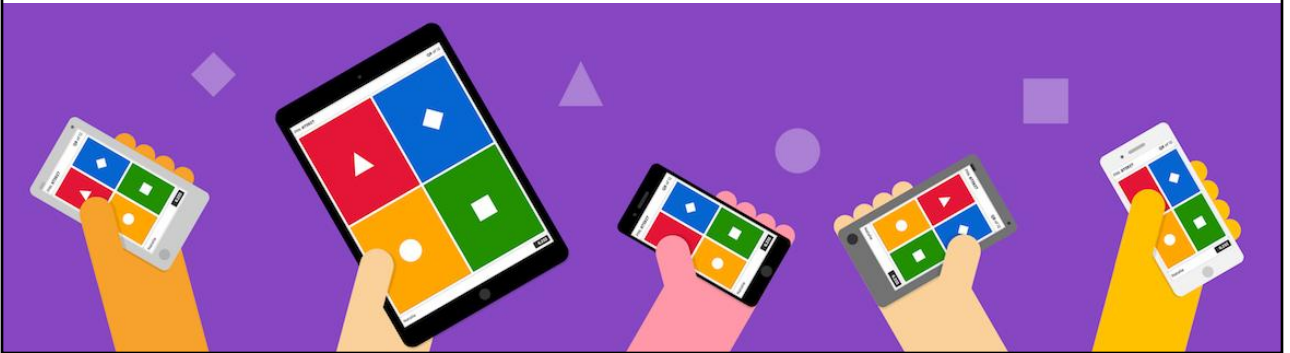
Kahoot!

Key Features:

- Fun game show-style assessment with music and leaderboard
- Choose from quiz, discussion, survey, or jumble
- Students answer questions with their own device (individual or team) in real-time
- Upload video or images

LET'S PLAY!

kahoot.it



Assessment Data



Kahoot! Example Report View - Excel

	A	B	C	D	E	F	G	H	I						
1	STUDENT														
2		CORRECT ANSWERS	INCORRECT ANSWERS	SCORE	Greater than than Equal to	Less than Equal to	Greater than than Equal to	Less than Equal to	Greater than than Equal to						
3	John	11	4	10792	>	<	<	>	>						
4	Susan	11	4	10794	<	>	<	>	>						
5	OVERALL PERFORMANCE														
6															
9	% TOTAL CORRECT ANSWERS		73%												
10	% TOTAL INCORRECT ANSWERS		27%												
11	AVG SCORE		10763												
12															
13	SWITCH TABS BELOW TO VIEW YOUR END OF GAME RATINGS & INDIVIDUAL QUESTION BREAKDOWN														
14															
15															
16															
17															
18															
19															
20															
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30															
31															
32															
33															
34															
35															
36															
	Overview	Ratings	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13
	Ready														

A NEW WAY TO Kahoot!

- Test misconceptions
- Formative assessments during instruction
- Blind Kahoot!
- Ghost Mode

Blind Kahoot!

1. Ask an introductory question.
2. Surprise with a blind question.
3. Teach the content.
4. Provide reinforcement questions.
5. Repeat the blind question.
6. Repeat steps 2-5 as many times as necessary.
7. End with reinforcement or extension questions.

QUIZIZZ

WEBSITE & APP



Quizizz

Key Features:

- Fun, game show feel
- Taken in real-time by all students
OR in homework mode
- Questions can include an image

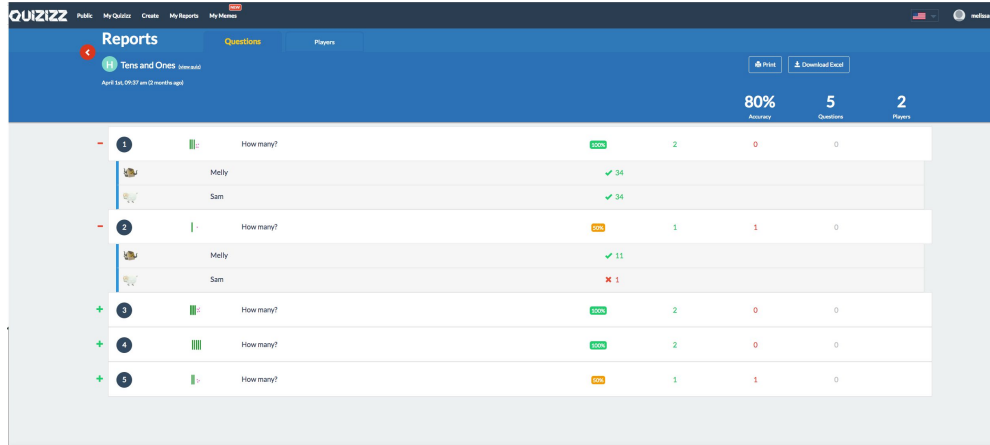
LET'S PLAY!

join.quizizz.com | **336296**

Assessment Data



Quizizz Example Report View



Quizzing Assessments



WEBSITE & APP



Quizlet Live!

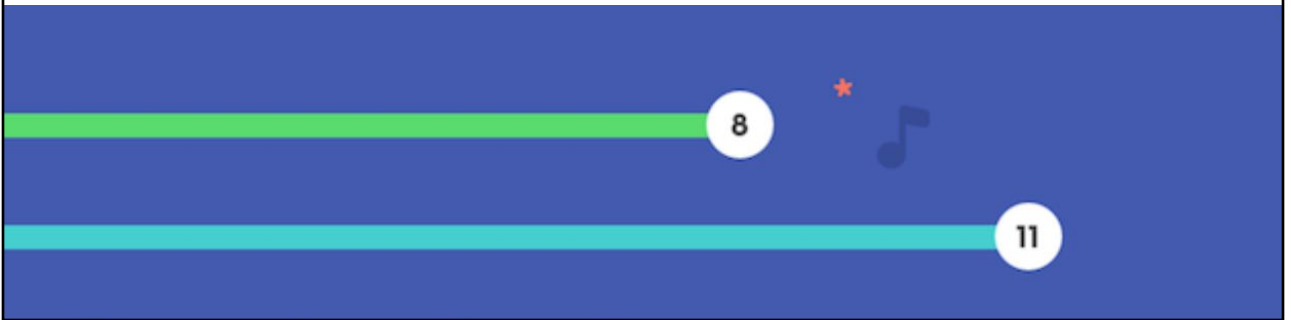
Key Features:

- Create your own flash cards
- Add images and audio
- Study sets: Learn, Flashcards, Write, Spell, and Test
- Game sets: Match, Gravity, [Quizlet Live!](#) (team play)

Limited with free account. Full teacher license is \$34.99/year.

LET'S PLAY!

quizlet.live



Assessment Data



Quizlet Live! Example Report View

Screenshot of the Quizlet Live! End-of-Game Review screen. The screen shows "Lyndon B. Johnson" as the correct answer, with "36th 1963-1969" below it. The incorrect options are "Initially confused with Jimmy Carter" and "Richard Nixon". The screen also has "New Game" and "Replay" buttons.

Video-based Assessments

Video-based Assessments



WEBSITE & APP



EDpuzzle

Key Features:

- Upload your own video or choose from YouTube, Khan Academy, etc.
- Add multiple choice and open-ended questions
- Add text comments or your own narration or voice comment

Assessment Data



EDpuzzle Example Report View

Video Views

Number of times a student watched a video portion

x0	x1	x2	x3	x24
----	----	----	----	-----

Video progress bar (time)

0:00 0:09 0:18 0:28 0:37 0:46 0:56 1:05 1:14 1:24 1:33

Video Watched: 100% Correct responses: 2/3 Grade: 67/100

submitted responses: 3/3

Quiz #1 at 0:19

What was the most interesting thing you learned about chameleons? They have independently rotating eyes

100 of 100

Add comment

Quiz #2 at 0:38

How many different species of chameleons have been identified? → 202 72 105

0 of 100

Add comment



Video-based Assessments



WEBSITE & APP



Recap

Key Features:

- Teachers create prompts or discussion questions
- Students respond in text or video



LET'S PLAY!

app.letsrecap.com/pin | **rvrfeku**



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Video-based Assessments

The FlipGrid logo is a green arrow pointing to the right, with the word "FLIPGRID." written in white, bold, uppercase letters inside the arrow.

FLIPGRID.

WEBSITE & APP



FlipGrid

Key Features:

- 1-5 minute video responses to posed questions
- Can include links and “stickers”

LET'S PLAY!

flipgrid.com | 872826



Additional Resources

Additional Resources



Common Sense Media

- Digital Literacy Curriculum
- Reviews of educational websites and apps

Additional Resources

The screenshot shows the Common Sense Education website. At the top, there are navigation links for 'For Parents', 'For Educators', and 'For Advocates', along with 'Log In' and 'Sign Up'. Below this is a search bar with the text 'What are you looking for?' and a 'DONATE' button. A green navigation bar contains links for 'Digital Citizenship', 'EdTech Reviews & Resources', 'Professional Development', 'Recognition & Community', and 'Privacy Initiative'. The main content area features a large image of students in a classroom with the text 'EdTech Reviews & Resources'. Below the image are social media sharing icons for Facebook, Twitter, Pinterest, and LinkedIn. The text reads: 'Get all-inclusive reviews of the latest and most popular edtech tools.' and 'Our edtech reviews, privacy evaluations, and supporting resources help bring technology to your classroom in ways that match your students' needs. Get started with recommendations for top-rated edtech tools that support creative and collaborative learning.' At the bottom, there are two buttons: 'Find the Perfect Tool' with a magnifying glass icon and 'Browse Top Picks Lists' with a star icon.

Additional Resources

8 Digital Formative Assessment Tools to Improve Motivation *Bryan R. Drost*

<http://www.amle.org/BrowsebyTopic/WhatsNew/WNDet/TabId/270/ArtMID/888/ArticleID/675/8-Digital-Formative-Assessment-Tools-to-Improve-Motivation.aspx?cldee=bGVIX3ppZWdsZXlAYmlzbWFyY2tzY2hvb2xzLm9yZW%3D%3D&recipientid=contact-5dc731b03d4ee41188200050569142af-4fd4ad881c1c4328816b2809ee66689d>

Unlocking the Promise of Digital Assessment *Stacey Newbern Dammann, EdD, and Josh DeSantis*

<https://www.facultyfocus.com/articles/teaching-with-technology-articles/unlocking-promise-digital-assessment/>



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