



Digital Resources for Engagement - Alternatives to Kahoot

Kahoot!, Quizizz, Quizlet Live. Which Should I Use? <https://youtu.be/fkzrMZgWlw8>

QUIZLET – online vocabulary cards have game options Quizlet Live (collaborative group games)

DNA and protein synthesis game

<https://quizlet.com/339971568/bio-dna-and-protein-synthesis-game-flash-cards/>

QUIZZZ <https://quizizz.com/admin/search/genetics>

Quizizz is different because the Q&A are displayed individually on student devices (student paced – not competitive speed).

FLIPPITY <https://flippity.net/>

Easily turn a Google spreadsheet into a set of online flashcards and other cool stuff!

GIMKIT (like Kahoot) \$4.99/month <https://www.gimkit.com/>

Gimkit is a game show for the classroom that requires knowledge, collaboration, and strategy to win.

Example <https://www.gimkit.com/view/5e1c5b701fd2a1002277dba2>

ENGAGEMENT STRATEGIES

Strategies using visuals to start a lesson

- "[half the story](#)" as an engaging way to start a lesson with an image.
- "[visual walkabout](#)" by providing a bunch of images (in a google slideshow or powerpoint) with no text and have students predict the topic, share what they know, or design questions.
- Play a video clip without sound (or play an instrumental audio or meditation soundtrack) and see what students identify from visual clues.
- Play a Youtube video without sound and then provide Spanish subtitles

Strategies to summarize a lesson

- I like "[tabletop texting](#)" (which could be done virtually in chat or on a digital whiteboard space)
- "[six-word story](#)"
- "[tweet tweet](#)" using fake social media communications with #hashtags or tagging fake accounts for historical scientists @mendelgenetics

Discovery Education <https://www.discoveryeducation.co.uk/spotlight-on-strategies/>

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ZOOM SECRET TIPS AND TRICKS

<https://zoom.us/docs/doc/Tips%20and%20Tricks%20for%20Teachers%20Educating%20on%20Zoom.pdf>

<https://sites.google.com/ufl.edu/engagingzoomclasses/>

Using Breakout rooms like a pro

- Think-Break-Share (like think pair share but use breakout rooms for small conversations).
- Jigsaw (use in conjunction with a Google document/slideshow (or shared teams document) where each group completes a page then gets rearranged into second groups).
- Virtual fishbowl – one group talks, all others watch and share comments in chat only.

Using Zoom for assessments

- Two-stage exam (complete work asynchronously/homework, in rooms discuss and then submit a group exam).
- Polls
- Screen annotations

Interactive Content Resources

[Transcribe and translate a gene](#)

An excellent interactive that allows students to practice and review transcription and translation.

[RNA's role in the central dogma](#)

An excellent overview of each of the molecular machines involved in gene expression pathways.

[CSI wildlife](#)

Make connections between genetics, forensic science, and conservation with this rich, interactive, multimedia case study.