



Legit Tech Strategies

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Importance of Technology Integration

- Technology should enhance learning
 - Technology is not another textbook or notebook, those are already invented
- Engagement
 - Something boring on paper will still be boring on a computer or laptop
- 21st Century Skills

Table Talk

If you were to create a rubric when assessing technology skills, what criteria would be on there?

Poll Everywhere



Polls

Participants

Reports



Pricing & Upgrades

Help

New features

ASHLEYBECKER197

X

 A B Multiple choice	 Awesome Sweet Fun Great Cool Word cloud	 Audience favorite Q&A	 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> Rank order	 Clickable image	 Survey	 Open-ended	 More
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Question

(Text, Image URL, LaTeX)

(Text, Image URL, LaTeX)



Ungrouped

Add another activity

Create

Pros

- Open Response
- Responses anonymous
- Speed and Ease
- Responses being displayed in different ways
 - Different learning styles
- Engagement and Active Participation
- Can come up on the spot (Kahoot must be prepared)
 - Allows us to respond to the reactions of our students

Cons

- 25 max submission limit (with free version)
- Responses anonymous

Management Tips

- Click Publish to start receiving results
- Hide results
- Partners or groups of 2 to 1 phone (preassigned)
 - For the sake of limited technology, filtering responses, pairing different level students
- Have short answer and then plug into <http://www.tagxedo.com/> for WordCloud
 - MUST be internet explorer

<https://www.polleverywhere.com/>

LiveBoard

- Free App
- Allows for virtual whiteboard
- We can actually assess and see where every student is at

Pros

- Available with simple projector or no projector at all
- Video record lessons
- Invite by code or directly to email
- Zoom in features
- Can add shapes, text, grid, colored writing
- Teacher can create different folders of saved problems
- Can swipe to new page rather than erase and all students move to that page as well

Cons

- Students can erase other students work
- Can see who is writing where but only while they are writing
- Can be small work space
- If switch to new page, students have no way of going back to previous page unless gone there by master device

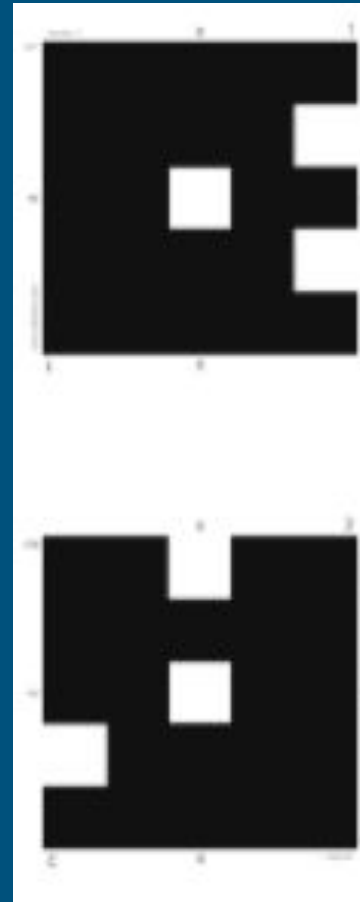
Management Tips

- Set up on computer but teacher use iPad or other small handheld device
 - Option to record, point, and see names only on handheld device
- Assign different colors or quadrants to different students or groups of students
- Group students together, especially for those classes in which not all the students have phones
- Use 2 fingers to zoom in or move around the screen



Plickers

- Multiple Choice
- Uses QR Cards with Assigned Names to Numbers
- Easily collect formative assessment data



78% 8:53 AM

$a^2+12ab+32b^2$

Live View updated

97% correct total: 30/32

$a^2+12ab+32b^2$

A $(a+16b)(a+2b)$

B $(a+4b)(a+8b)$

C $(a-4b)(a-8b)$

D Not Possible

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Gabriel...	Neely R...	Grace H...	Brady K...	Adam F...
B	B	B	B	B
Warren...	Isaac B...	Brock F...	Ethan St...	Cole He...
A	B	B	B	B
Reece V...	Annika...	Kenadi...	Jesse K...	Taylor K...
B	B	B	B	B
Kendall...	Hunter...	Camero...	Dawson...	Blake H...
B	B	B	B	B

Pros

- Students don't know other student's answers
- Instant feedback that can easily be assessed
- Only teacher needs device (tablet or phone with app)
- No wasted time logging in
- Full Sheet or Half Sheet QR code

Cons

- Paper can be ripped
- Doesn't always read easily from afar
- Only Multiple Choice/True False Questions

Management Tips

- Pre-Assigned numbers to students
 - Live poll button online
- Have students pass-out/collect
- Don't laminate-shine won't read
- Have an “explain why” in a pair and share now that you know the right answer
 - If both got it wrong, they can raise their hand and it is an opportunity to educate
- Don't get too close, back up and scan
- Don't worry about scanning twice
 - Not like grocery store
- Can't change result
- Hide results

Overall Management Tips

- Have a mini “geek squad” in your class
 - Have them come up with a name that is professional such as tech mentor
 - Give them a heads up to new technology and get their help so they can help you
 - This can also be put on a resume one day!
 - Reward them tshirts
- Responsibility Talk with technology
- Keep in mind purpose for technology
- Begin “offline”
 - Expectations are clear of what you are looking for for answer/assignment
- Get behind THEIR screens
- Key words to gather their attention

Tech Share

1. Form a group of 4-5 with at least 2 members from a different table
2. Introduce yourself
3. Share technology you have used or seen used that you couldn't live without
4. Large group share
 - a. Write the name of it on the board