To an Active Learning Environment: How to Build it with EdTech Tools

By Crystal Luo
Learning Activities

Pre-class activities
• Lecture videos/ reading materials
• Follow-up quiz (e.g. MCQ/ open-ended/ reflection)

In-class activities
• Quiz, lab, experiment, discussion/ debate/ brainstorming
• Co-working together

Post-class activities
• Follow-up based on in-class activities
Categorization

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Tips of the Day

Kahoot!

• Suitable for collecting ideas/ answers
• Open-ended/ Polling/ MCQ

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Tips of the Day

Mentimeter

Name an EdTech Tool you used before that you like

• Word Cloud: Generalizing answers
• Ranking/ Slides features

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Quizizz

- Alternative for collecting answers
- Drawing function

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Tips of the Day

iPRS

- Collect student ID
- Good for graded quiz
- Check attendance
- ITSC support

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## Tools Comparison

<table>
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<th>Kahoot!</th>
<th>Mentimeter</th>
<th>Quizizz</th>
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<tr>
<td>Free Version Features</td>
<td>• MCQ</td>
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<td>• Polling</td>
<td>• Fill-in-the-blank</td>
<td>• Polling</td>
<td>• With student SIS info</td>
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<td></td>
<td>• Word Cloud</td>
<td>• Draw</td>
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<td>• Ranking</td>
<td>• Slides</td>
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<td>Charge</td>
<td>Free and Premium versions available (<a href="#">link</a>)</td>
<td>Free and Premium versions available (<a href="#">link</a>)</td>
<td>Free and Premium versions available (<a href="#">link</a>)</td>
<td>Provided by HKUST for free</td>
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<td>Free Version Limitation</td>
<td>Up to 10 players</td>
<td>Unlimited audience size but up to 5 quizzes per presentation</td>
<td>With in-app Ads</td>
<td>N.A</td>
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Tips of the Day

Padlet

• Writing/ Commenting/ Reflection

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Google Slides Audience Q&A

- Q&A throughout whole class
- Present questions in Google slide

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Miro

- Online collective whiteboard
- Brainstorm/ Mind-mapping
- Templates available

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Tips of the Day

Accessability

1. Stick with 1-2 tool(s) per session
2. Provide QR code if possible
3. Be mindful of firewall limitations

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Summary

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