

UCD School of Nursing, Midwifery and Health Systems

Using mobile devices as an audience response system

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Scoil na hAltrachta, an
Cnáimhseachais agus na
gCóras Sláinte UCD



- What?
- Why?
- How?
- Creating questions
- Watch a short video
- Answer some questions!
- Advantages
- Challenges
- Student experience

Using mobile devices as an audience response system (ARS, SRS)





☐ **Qwizdom ©**

☐ **TurningPoint ©**

☐ **i>clicker ©**

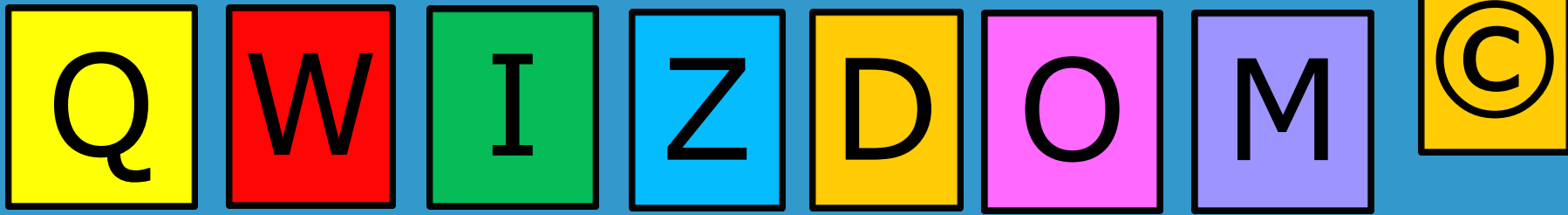
☐ **VotApedia ©**

Audience response system works within a teaching/learning context

Use is informed by :

- Teaching philosophy
- Lecture outcomes
- Content
- Order of presentation
 - ‘Strategically’ placed questions





Presenter

- Download Qwizdom to Computer
- Qwizdom software – Short demonstration

Audience

- Log into: **qvr.qwizdom.com**
- Enter session number: **U4UZQG**



Qwizdom

- Supports nine types of questions: yes/no, multiple choice, true=false, multiple mark, numeric, sequence, rating scale, vote (multiple mark), demographic
- Also short text response



Creating Questions that Cultivate Classroom Interaction

- Creative questions
 - Open questions
- Strategically placed
- Provide answer after the question



A little work!

Observe the following YouTube carefully

Pixar (2000) Birds on a wire. Available at:
<https://www.youtube.com/watch?v=k2PJ6T7U2eU&feature=youtu.be> (Accessed 27th May, 2017).



What colour were the birds' feet?
Type below.



How many birds are there?

A) 12

B) 16

C) 20



More complex questions



When the goal and the relationship are highly important to you, what conflict management strategy is appropriate?

- A) Compromising
- B) Smoothing
- C) Withdrawing
- D) Problem Solving



Some Tips

- 5 Questions per lecture (Mastoridis and Kladidis, 2010)
- Time for students to respond (Gousseau et al, 2016)

Multiple choice questions

- If multiple answers – give only 4 choices



Advantages of Audience Response System

- Asking anonymous questions
- Concentration
- Interest
- Thinking
- As a form of assessment

Heaslip et al (2014)



Challenges

- Setting up initially
- Emergencies!
- Wi-fi connectivity
- Using Qwizdom to its full potential – asking creative questions
- Using Qwizdom for assessment – not guaranteed that all students have smart phones
- Clickers heavy and time consuming to distribute to large groups



Students' comments

- “Speaking out in the lecture theatres can be quite daunting and Qwizdom makes it easy for everyone to participate”
- “Liked the interactive format and that we could see the number of people who chose each option”
- “Enjoy how we all use our phones to interact with all of the groups not just our own.”



Thank you!

Questions?



References

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- Jain, A., Farley, A. (2012) Mobile phone-based audience response system and student engagement in large-group teaching. *Economic Papers*. 31 (4), 428-439.
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