APT Conference 2018

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3rd July 2018

Motivation, engagement and interactivity: Use of the Student Response System in the classroom

- 1. Background, definition
- 2. Case study based on the use of Socrative and Kahoot in marketing/advertising modules in undergraduate programmes at the University of Greenwich 2017-18
- 3. Findings: Practicalities, advantages, limitations, feedback
- 4. SRS in VLE (Moodle)
- 5. Level-specific recommendations for suitable activities using SRS

1. Background, definition



- Student Response Systems (SRS) is becoming more widely used in higher education.
- Electronic tool which allows lecturer to poll learners with feedback (Audience Response System, Classroom Response System Personal Response System

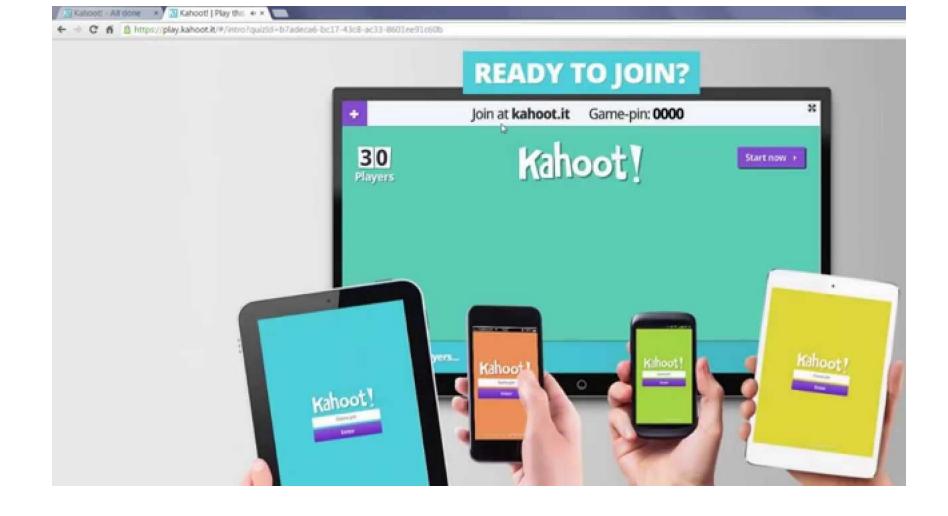


2. Case study (7 courses/modules)

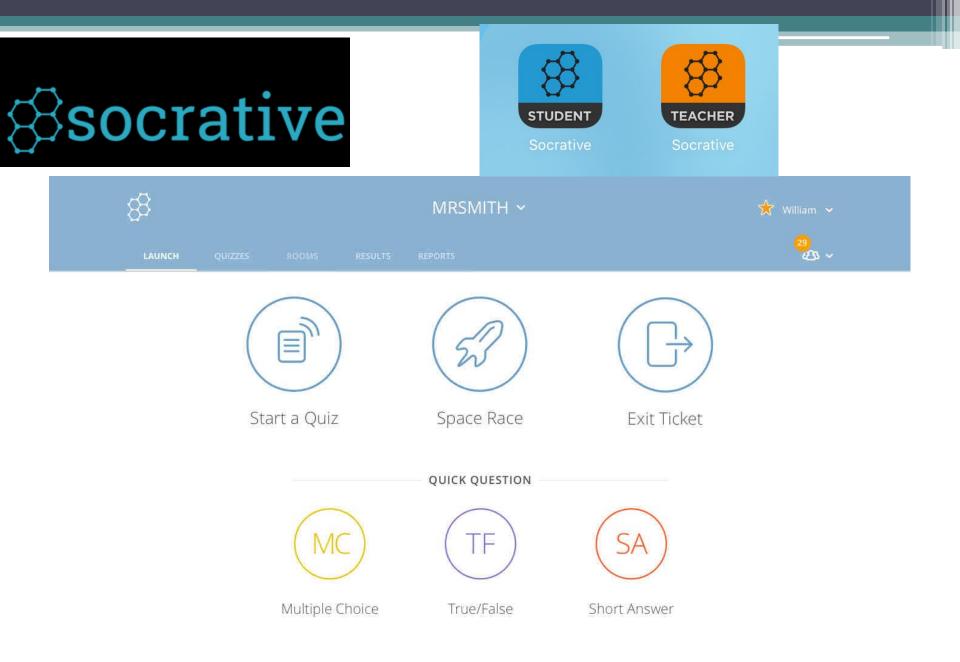
MARK1107 Principles and Practice of Marketing (L4)

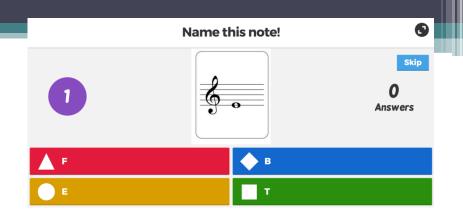
MARK1197 Integrated Marketing Communications (L5) MARK1198 Media Planning and Buying (L5) MARK1123 Research Methods (L5)

MARK1151 Integrated Advertising Planning & Campaign Management (L6) MARK1120 Contemporary Issues in Marketing (L6) MARK1124 Dissertation (L6)









3. Findings

- Kahoot: more suitable for L4s in seminars
- Subject knowledge-related quiz to start the session (i.e. going through iconic commercials and see if the students can match the commercial with the brand)
- Music helps
- Reward helps



- Kahoot: more fun and accessible; upbeat music created fun atmosphere
- Socrative took longer to get started (registration and login)
- Socrative had more room for discussion: i.e. discussing dissertation research topics in MARK1023 Research Methods
- In both, cooling-off after the activity, while making a quick and smooth transition to a lecture/seminar was a challenge; for example, students were too engaged with the result of the game

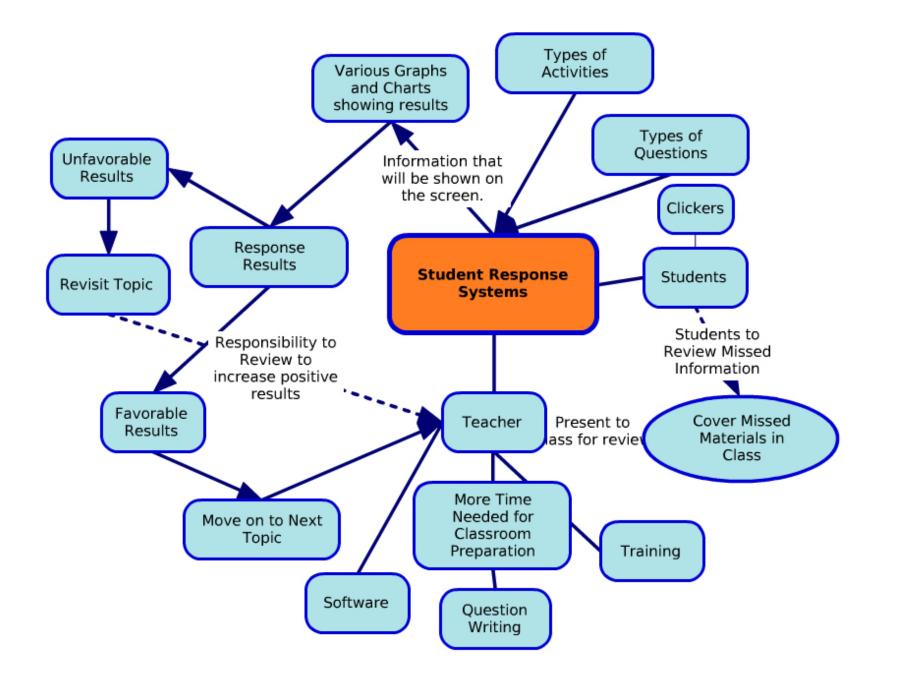
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3. Most common usage:

- Revision
- Share feedback
- Discussion starter
- Student engagement
- Assessment (formative, diagnostic, summative)

Advantages

- Anonymity
- Attention
- Attendance
- Discussion
- Engagement
- Feedback
- Modification
- Participation



Things to consider

- Allow time for design and use
- Dependent on good teaching and learning practice
- Students' understanding of WHY (Not for the sake of gaming but revision, feedback, poll)
- Link it with flipped classroom (i.e. Students make the quiz for the class peer review)

Lessons

- Better suited for formative NOT summative
- Ideal for ice-breaker for a big group
- Use frequently throughout the course but NOT over-use within a lesson (i.e. max 10 mis for 1 hr session)
- Integrate effectively with the lecture/seminar contents

4. SRS in VLE (Moodle)

- file:///C:/Users/lenovo/AppData/Local/Packag es/Microsoft.MicrosoftEdge_8wekyb3d8bbwe/ TempState/Downloads/How%20to%20Embed %20an%20HSTalk%20Lecture.pdf
- SRS Panopto Embed videos on Moodle

5. Level-specific recommendations for suitable activities using SRS

- L4: Kahoot for general quiz and revision
- L5: Kahoot and Socrative for revision and discussion starter
- L6: Both for revision, assessment checklist, group discussion starter

References

- Boyle, J. T. and Nicol, D. J. (2003) Using classroom communication systems to support interaction and discussion in large class settings, *Association for Learning Technology Journal*. 3(11). 43-57.
- Dangel, H. L. & Wang, C. X. (2008). Student response systems in higher education: Moving beyond linear teaching and surface learning. *Journal of Educational Technology Development and Exchange*, 1(1). 93-104.
- Davis, F. D. (1989) Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly*. 13: 319-339

- Draper, S. W. and Brown, M. I. (2004) Increasing interactivity in lectures using an electronic voting system, *Journal of Computer Assisted Learning*. 20. 81-94.
- Fry, H., Ketteridge, S. and Marshall, S. (eds.), *A handbook for teaching and learning in higher education*. Oxford: Routledge
- Hedgcock, W. H. and Rouwenhorst, R. M. (2014). Clicking their way to success: using student response systems as a tool for feedback, *Journal for Advancement of Marketing Education*, 22(2). 16-25.
- Nielsen, K. L., Hansen, G., & Stav, J. B. (2013). Teaching with student response systems (SRS): teacher-centric aspects that can negatively affect students' experience of using SRS, *Research in Learning Technology*. 21: 1-13.