

Some references for Engagement talk 9 April 2014
"Engaging large classes"

The talk has a web page with abstract, slides, this handout, links:
<http://www.psy.gla.ac.uk/~steve/talks/mfish.html>

PeerWise (community page, many references ...): <http://www.peerwise-community.org>
Aröpa (my page on this): <http://www.psy.gla.ac.uk/~steve/localed/innovs.html> - aropa

My embryo page on Graeme Pate and his use of Twitter in his classes:
<http://www.psy.gla.ac.uk/~steve/myNewWave/2cc.html>

Biggs, J. (1999). What the student does: teaching for enhanced learning. *Higher Education Research & Development*, 18(1), 57-75.

Chi, M.T.H. (2009) "Active-constructive-interactive: A conceptual framework for differentiating learning activities" *Topics in Cognitive Science* vol.1 no.1 pp.73-105 doi:[10.1111/j.1756-8765.2008.01005.x](https://doi.org/10.1111/j.1756-8765.2008.01005.x)
[types of engagement]

Chi, M.T.H., Bassok, M., Lewis, M., Reimann, P. & Glaser, R. (1989) "Self-explanations: How students study and use examples in learning to solve problems" *Cognitive Science* vol.13/15 no.2 pp.145-182
[Learning gains from students generating explanations themselves]

Devon, J., Paterson, J.H., Moffat, D.C. and McCrae, J. (2012) "Evaluation of student engagement with peer feedback based on student-generated MCQs" *ITALICS* vol.11 no.1 pp.27-37
<http://journals.heacademy.ac.uk/doi/abs/10.11120/ital.2012.11010027> [use of PeerWise at Glasgow Caledonian]

Mazur, Eric (1997). Peer Instruction: A User's Manual (Prentice Hall, Upper Saddle River, NJ)

Novak, G, Patterson, E.T., Gavrín, A.D., and Christian, W. (1999). *Just-In-Time Teaching: Blending Active Learning with Web Technology* [Just in time teaching (JITT)]

Perkins, K.K. and Wieman, C.E. (2005) "The Surprising Impact of Seat Location on Student Performance" *The Physics Teacher* vol.43 January pp.30-33 doi:[10.1119/1.1845987](https://doi.org/10.1119/1.1845987) [Lecture theatre seating position effect]

Smith, M.K., Wood, W.B., Adams, W.K., Wieman, C., Knight, J.K., Guild, N. & Su, T.T. (2009) Why peer discussion improves student performance on in-class concept questions *Science* vol.323 issue:2 Jan. 2009 pp.122-124 [Experiment on how Mazur's "PI" causes deep learning]

Timmons, Luke (2014) The uncritical commute: the impact of students' living situations while at university (Student undergraduate research project, school of psychology, University of Glasgow) [Available from Steve Draper]

Tinto, V. (1975) "Dropout from Higher Education: A Theoretical Synthesis of Recent Research" *Review of Educational Research* vol.45, pp.89-125. See also <http://www.psy.gla.ac.uk/~steve/localed/tinto.html> and <http://www.psy.gla.ac.uk/~steve/localed/index.html#Dropouts>