

Gamification and Analogical Scaffolding Reading List

Gamification

Brian J Arnold (2014) "Gamification in Education" *ASBBS Proceedings* 21: 32-39.

Richard, Bartle (1996) "Hearts, clubs, diamonds, spades: Players who suit MUDs." *Journal of MUD research* 1.1: 19.

Deanne M. Adams, Richard E. Mayer, Andrew MacNamara, Alan Koenig, and Richard Wainess, "Narrative Games for Learning: Testing the Discovery and Narrative Hypotheses," *Journal of Educational Psychology* 104, no. 1 (February 2012): 235–49.

Kai Erenli (2013) "The Impact of Gamification – Recommending Education Scenarios" *International Journal of Emerging Technologies in Learning* 8: 15-21.

Juho Hamari and Janne Tuunanen (2014) "Player types: A meta-synthesis." *Transactions of the Digital Games Research Association* 1.2.

Bohyun Kim (2015) "Designing Gamification in the Right Way" *Library Technology Reports* 51(2): 29-35.

Andrzej Marczewski (2013) *Gamification: a simple introduction*.

Scott Nicholson (2012) "A user-centered theoretical framework for meaningful gamification." *Games+ Learning+ Society* 8.1: 223-230.

Scott Nicholson (2015) "A recipe for meaningful gamification." *Gamification in education and business*. Springer International Publishing. 1-20.

Wendi A. Sierra (2013) Gamification as Twenty-First-Century Education. North Carolina State University, Dissertation.

Analogical Scaffolding (Teaching using Analogies)

Richard K. Coll, Bev France & Ian Taylor (2005) "The role of models/and analogies in science education: implications from research" *International Journal of Science Education* 27(2): 183-198.

Kenric Davies (2014) Teaching by Analogy: Gravity and Electrostatics. The University of Dallas at Texas, Dissertation.

Samson Nashon (2004) "The nature of analogical explanations: High school physics teachers use in Kenya" *Research in Science Education* 34: 475.

José M. Olivia, P. Azcárate & A. Navarrete (2007) "Teaching Models in the Use of Analogies as a Resource in the Science Classroom" *International Journal of Science Education* 29(1): 45-66.

Noah S Podolefsky & Noah D Finkelstein (2007) "Analogical scaffolding and the learning of abstract ideas in physics" *Physical Review Special Topics – Physics Education Research* 3: 020104-020120.

Lindsey E. Richland & Ian M. McDonough (2010) "Learning by Analogy: Discriminating between potential analogs" *Contemporary Educational Psychology* 35(1): 28-43.

Lindsey E Richland & Janice Hansen (2013) "Reducing Cognitive Load in Learning by Analogy" *International Journal of Psychological Studies* 5.4: 69-80.

Analogical Reasoning

Paul Bartha (2013) "Analogy and Analogical Reasoning" *Stanford Encyclopedia of Philosophy*. <http://plato.stanford.edu/entries/reasoning-analogy/#IntManRolAna>

Dedre Gentner, Keith James Holyoak, and Boicho N. Kokinov (2001) *The analogical mind: Perspectives from cognitive science*. MIT press.

Hofstadter, Douglas R (2001) "Analogy as the core of cognition." *The analogical mind: Perspectives from cognitive science*. 499-538.