Research evidence and reading

Learning is a change to long-term memory

P C Brown, H L III Roediger, M A McDaniel, 'Make it Stick. The Science of Successful Learning' Cambridge, MA: The Belknap Press, 2014

J Sweller, Cognitive load during problem solving: Effects on learning, Cognitive Science, 12, 257-285 (1988).

J Sweller, Instructional Design in Technical Areas, Camberwell, Victoria, Australia: Australian Council for Educational Research (1999).

D T Willingham, Why Students Don't Like School: a cognitive scientist answers questions about how the mind works and what it means for the classroom (2009), San Francisco, CA : Jossey-Bass

An introduction to Pierre Bourdieu's ideas about cultural capital

C Reynolds, 'Bourdieu - simple explanation' (2013) https://www.youtube.com/watch?v=87BPL62wyyU

Sociology Live!, 'Cultural Capital' (2015) https://www.youtube.com/watch?v=5DBEYiBkgp8

The importance of cultural literacy / cultural capital

J Buckingham, K Wheldall and R Beams-Wheldall, 'Why Jaydon Can't Read: The triumph of Ideology Over Evidence in Teaching Reading', in 'Policy', 29(3), 2013, pp. 21–32.

E D Hirsch JR, Why Knowledge Matters (2016) Cambridge, MA, US: Harvard Education Press.

D Lemov, C Driggs, E Woolway, Reading Reconsidered (2016) San Fransisco, US: Jossey Bass publishing.

Threshold concepts

J H F Meyer, R Land, 'Threshold concepts and troublesome knowledge: Linkages to ways of thinking and practising within the disciplines' (2003), C Rust, editor.

The difference between breadth and progression

C Quigley, 'The Essentials Curriculum: Threshold Concepts for Long-Term Memory' (2019) 5th Edition, first published as 'Essentials: Full Spectrum Curriculum (2013): UK, Chris Quigley Education Ltd.

Procedural and semantic knowledge

E Tulving, Episodic and semantic memory. In: Tulving E, Donaldson W, editors. Organization of memory. Academic Press; New York: 1972. pp. 381–403. [Google Scholar]

Knowledge categories and knowledge webs

C Quigley, 'Curriculum Companion: Geography' Available Autumn Term 2019

C Quigley, R Bone, 'Curriculum Companion: History' Available Autumn Term 2019

C Quigley, G Staddon, 'Curriculum Companion: Art & design' Available Autumn Term 2019

The interconnectedness of procedural and semantic knowledge

T Ten Berge, R Van Hezewijk, 'Procedural and Declarative Knowledge: An Evolutionary Perspective' Theory & Psychology, 1999 - journals.sagepub.com, accessed on 1.6.19 at https://core.ac.uk/download/pdf/55534264.pdf.

J R Star, 'On the relationship between knowing and doing in procedural learning.', Combined Program in Education and Psychology; University of Michigan, US Accesses on 1.6.19 at https://pdfs.semanticscholar.org/6baa/7265f4e443a48b3fec6e5445975e71697b60.pdf

The legacy of levels

T Oates, (Expert Panel Chair, National Curriculum review) 'The Framework for the National Curriculum. A report by the Expert Panel for the National Curriculum review.' Department for Education, (2011). London, UK: Department for Education.

How thinking works and other cognitive science influencing a progression model

D T Willingham, Why Students Don't Like School : a cognitive scientist answers questions about how the mind works and what it means for the classroom. (2009) San Francisco, CA : Jossey-Bass

A Baddeley, 'Working memory, thought and action.' (2007) London: Oxford University Press

The reversal effect - How different approaches are needed for novices and experts.

B S Bloom, 'Developing talent in young people.' (1985) New York: Ballantine Books

R Glaser, & M T H Chi, Overview. In M.T.H. Chi, R. Glaser, &M. J. Farr, The nature of expertise (pp. xv-xxviii) (1988) Mahwah, NJ: Erlbaum.

I J Deary, 'Intelligence: A very short introduction.' (2001) London: Oxford University Press

S Kalyuga, 'Expertise reversal effect and its implications for learner-tailored instruction', in 'Educational Psychology Review', 19, 2007, pp. 509–539.

B Rosenshine and R Stevens, 'Teaching functions' in M C Wittrock (Ed), 'Handbook of Research on Teaching', 3rd ed, New York: Macmillan, 1986, pp. 376–391.

B Rosenshine, 'The Case for Explicit, Teacher-led, Cognitive Strategy Instruction', paper presented at the annual meeting of the American Educational Research Association, Chicago, IL, March 24–28 1997.

P A Kirschner, 'Cognitive load theory: Implications of cognitive load theory on the design of learning', in 'Learning and Instruction', 12(1), 2002, 1–10.

P A Kirschner, J Sweller and R E Clark, 'Why minimal guidance during instruction does not work: An analysis of the failure of constructivist, discovery, problem-based, experiential, and inquiry-based teaching', in 'Educational Psychologist', 41(2), 2006, pp. 75–86

Retrieval practice

M Pyc and K Rawson, 'Testing the retrieval effort hypothesis: Does greater difficulty correctly recalling information lead to higher levels of memory?', in 'Journal of Memory and Language', 60 (4), 2009, pp. 437–447.

Interleaving

D Rohrer, 'Interleaving helps students distinguish among similar concepts', in 'Educational Psychology Review', 24, 2012, pp. 355–367.

D Rohrer, R Dedrick, S and Stershic, 'Interleaved Practice Improves Mathematics Learning', in 'Journal of Educational Psychology', 107(3), 2015, pp. 900–908