

Learning and the Brain: Resources for Further Learning

Note: In an effort to “de-bug” the links, most have been removed. Please copy and paste the addresses into your browser.

WEBSITES

RetrievalPractice.Org: www.retrievalpractice.org

A website that carries the torch for decades of research on memory and forgetting and the role of retrieval in strengthening student learning.

The Learning Scientists: www.learningscientists.org

A website by cognitive scientists for Higher Education educators and their students. Superb downloadable resources, videos, blog posts.

Edutopia: Resources on Learning and the Brain: www.edutopia.org/article/brain-based-learning-resources

Lots of links to summary articles about the brain and learning. My recent favorite:

Why Students Forget and What You Can Do About It:

www.edutopia.org/article/why-students-forget-and-what-you-can-do-about-it.

GUIDES & ARTICLES FOR EDUCATORS

Retrieval Practice Guide: <http://pdf.retrievalpractice.org/RetrievalPracticeGuide.pdf>

The most compelling overview on retrieval practice for educators. It resides on the above-mentioned **RetrievalPractice.Org** website.

Transfer Guide: <http://pdf.retrievalpractice.org/TransferGuide.pdf> .

A comprehensive exploration of how retrieval practice can augment transfer of knowledge. It also resides on the above-mentioned **RetrievalPractice.Org** website.

Strengthening the Student Toolbox in *American Educator* by John Dunloskey (2013): www.aft.org/sites/default/files/periodicals/dunlosky.pdf

One of the first and certainly the most efficient overview of research to that date.

The Science of Learning by Deans for Impact (2015): deansforimpact.org/wp-content/uploads/2016/12/The_Science_of_Learning.pdf

A review of cognitive science findings.

BOOKS

Make It Stick: The Science of Successful Learning by Brown, McDaniel, McDermott (2014)

Multiple Pathways to the Student Brain: Energizing and Enhancing Instruction by Janet Zadina (2014)

Small Teaching: Everyday Lessons from the Science of Learning by James Lang (2016)

Compiled by Sarah Lynn 2019

