



Learner and Teacher Agency

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WEBSITES, RESEARCHERS & BLOGGERS

This bibliography is set out according to topic to reduce Extraneous Cognitive Load

General

InnerDrive. <https://www.innerdrive.co.uk/>

This site is exceptional for the quality of its blogs and free infographics.

Sherrington, T. (nd). *Teacherhead*. <https://teacherhead.com/>

Extremely useful blogs and You-tube clips.

Cognitive Load Theory

InnerDrive.(nd). Cognitive Load Theory: The Basics in *InnerDrive*

[https://blog.innerdrive.co.uk/cognitive-load-theory-](https://blog.innerdrive.co.uk/cognitive-load-theory-basics#:~:text=Cognitive%20Load%20Theory%20emphasises%20the,cognitive%20overload%20in%20working%20memory)

[basics#:~:text=Cognitive%20Load%20Theory%20emphasises%20the,cognitive%20overload%20in%20working%20memory](https://blog.innerdrive.co.uk/cognitive-load-theory-basics#:~:text=Cognitive%20Load%20Theory%20emphasises%20the,cognitive%20overload%20in%20working%20memory)

- 4 ways to overcome cognitive overload in your students
- A beginner's guide to cognitive science
- How to read cognitive science research – a teacher's guide
- The 10 principles of Cognitive Load Theory
- How to use Cognitive Load in the classroom

NSW Government. (2023). *Managing Cognitive Load through effective presentations*. (PPT)

C.E.S.E

<https://education.nsw.gov.au/about-us/educational-data/cese/publications/practical-guides-for-educators/managing-cognitive-load-through-effective-presentations>

NSW Government. (2022). *Cognitive load theory: Research that teachers really need to understand*. Centre for Education Statistics and Evaluation.

<https://education.nsw.gov.au/about-us/educational-data/cese/publications/literature-reviews/cognitive-load-theory>

NSW Government. (2017). *Cognitive load theory in Practice*. Centre for Education Statistics and Evaluation.



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<https://education.nsw.gov.au/about-us/educational-data/cese/publications/literature-reviews/cognitive-load-theory>

Shibli, D. (2013). *Cognitive Load Theory and its application in the classroom*

<https://impact.chartered.college/wp-content/uploads/2018/03/Cognitive-Load-Theory-and-its-application-in-the-classroom.pdf>

Deals with simple to complex

Element Interactivity

Ashman, G. (2019). Mapping Element Interactivity.

<https://gregashman.wordpress.com/2019/01/25/mapping-element-interactivity/>

Orru, G. and Longo, L. (2019). *The Evolution of Cognitive Load Theory and the M*

https://www.researchgate.net/publication/331280470_The_Evolution_of_Cognitive_Load_Theory_and_the_Measurement_of_Its_Intrinsic_Extraneous_and_Germane_Loads_A_Review/link/5c7e9fc592851c6950565cde/download

Pre-teaching

Vanhoyweghen, K. and Surma, T. (2020). Pre-teaching: What and how? In 3-Star Learning Experiences: An evidence-informed blog for learning professionals.

<https://3starlearningexperiences.wordpress.com/2020/05/11/guest-blog-pre-teaching-what-and-how/>

Science of Learning

Agarwal, P. and Bain, P. (2021). *What Every Teacher Should Know About the Science of Learning*.

Adapted from *Powerful Teaching: Unleash the Science of Learning* by Pooja K. Agarwal and Patrice M. Bain

<https://www.wiley.com/learn/jossey-bass/what-every-teacher-should-know-about-the-science-of-learning.html>

Science of Learning Resource Centre. (2022). *PEN Principles*.

<https://www.slrc.org.au/resources/pen-principles/>

BOOKS

Brown, P., Roediger III, H., & McDaniel, M. (2014). *Make it Stick*. Harvard University

Horvath, J. (2019). *Stop talking, start influencing*. Exisle Publishing



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