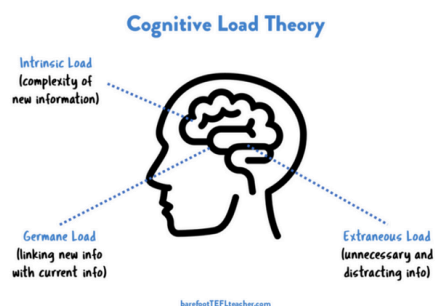


SOL KEY TERMS

Cognitive Load
 Cognitive Load Theory:
 Intrinsic
 Extrinsic
 Germane
 Working Memory
 Long-term memory
 Schema

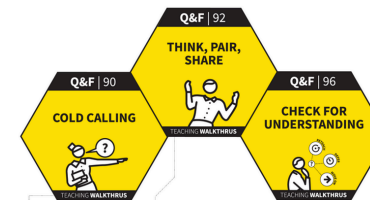
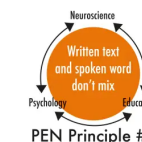


SOL TEACHER FRIENDLY RESEARCHERS & PRINCIPLES

Pooja Agarwal
 Oliver Caviglioli
 Jared Cooney Horvath
 Kate Jones
 Barack Rosenshine
 Becky Sayers
 Tom Sherrington
 John Sweller



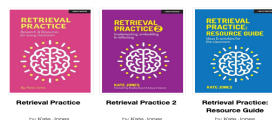
Micro-projects
 PEN Principles
 Pre-teaching
 Rosenshine's Principles
 Walk Thru's 1, 2 & 3



**Knowledge
 Organiser: Science
 of Learning**

SOL STRATEGIES

Elaborative Interrogation/Questioning
 Dual Coding
 Feedback
 Interleaving
 Low stakes testing
 Knowledge Organiser
 Managing Cognitive Load
 Modelling/Examples
 Retrieval practice
 Self-explanation
 Spaced practice



Related Concepts:

- Disciplinary Literacy
- Memory: Short and long-term
- Metacognition

SOL RESOURCES

BLOGS

Inner Drive: <https://www.innerdrive.co.uk>

Teacherhead (Sherrington) <https://teacherhead.com/>



WEBSITES

NSW Government. (2022). *Cognitive load theory in practice: 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>

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