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|  SOL KEY TERMS | SOL TEACHER FRIENDLY RESEARCHERS & PRINCIPLES |
| Cognitive LoadCognitive Load Theory: IntrinsicExtrinsicGermaneWorking MemoryLong-term memorySchemaDiagram, schematic  Description automatically generated | Pooja AgarwalOliver Caviglioli Jared Cooney HorvathKate JonesBarack RosenshineBecky SayersTom SherringtonJohn Sweller Micro-projects  PEN Principles Pre-teaching Rosenshine’s Principles Learning ScientistsShape, polygon  Description automatically generated Walk Thru’s 1, 2 & 3 |
| SOL STRATEGIES  | SOL RESOURCES |
| Elaborative Interrogation/QuestioningDual CodingFeedbackInterleavingLow stakes testingKnowledge OrganiserA picture containing graphical user interface  Description automatically generatedManaging Cognitive LoadModelling/ExamplesRetrieval practiceSelf-explanationSpaced practiceRelated Concepts:* Disciplinary Literacy
* Memory: Short and long-term
* Metacognition

  |  **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/>(J.E. Farrall 2022) |

HO 1: Science of Learning: Knowledge Organiser.