|  |  |
| --- | --- |
| SOL KEY TERMS | SOL TEACHER FRIENDLY RESEARCHERS & PRINCIPLES |
| Cognitive Load  Cognitive Load Theory:  Intrinsic  Extrinsic  Germane  Working Memory  Long-term memory  Schema  Diagram, schematic  Description automatically generated | 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  Learning Scientists  Shape, polygon  Description automatically generated Walk Thru’s 1, 2 & 3 |
| SOL STRATEGIES | SOL RESOURCES |
| Elaborative Interrogation/Questioning  Dual Coding  Feedback  Interleaving  Low stakes testing  Knowledge Organiser  A picture containing graphical user interface  Description automatically generatedManaging Cognitive Load  Modelling/Examples  Retrieval practice  Self-explanation  Spaced practice  Related 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.