HO 1

SOL Knowledge Organiser Wkshop 2

Knowledge Organiser: Dara SOL Workshop 2

SOL Terms

Science of Learning Concept
Cognitive Load Theory:

- Intrinsic
- Extrinsic
- Germane

Working Memory
Long-term memory
Schema

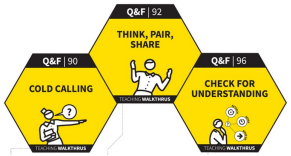
SOL Researchers & Bloggers

Pooja Agarwal
Oliver Caviglioli
Kate Jones
Barack Rosenshine
Tom Sherrington
John Sweller

<u>Inner Drive</u>
Lou Bogatchek
Bradley Busch
Edward Watson

SOL Principles

Application of CLT in classroom:
Micro-projects
Cognitive Load principles
CESE NSW
Learning Scientists
PEN
Powerful Teaching
Rosenshine
WalkThru's



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

<u>Related Concepts</u>:
Disciplinary Literacy
Memory: Short and long-term
Metacognition