How do students learn? Reinforcement

Prior Experience and Perceptions





Learning

Strengthen existing knowledge

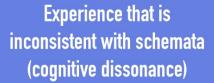
Dynamic self-constructed schemata

Reassessment

Incorrect knowledge Correct knowledge

Experience that is consistent with schemata

Application



Critical pathway for learning that is facilitated by large datasets

Education

- Lots of resources
 - Data Explorations
 - Data Nuggets
 - OOI Lab Manual
 - Discord Community

Needs

- Pedagogical Activities
- Searchable centralized repository
 - SERC
 - Video Tutorials (paired with notebooks)
- Partnerships (capacity)
- Expand E&O