

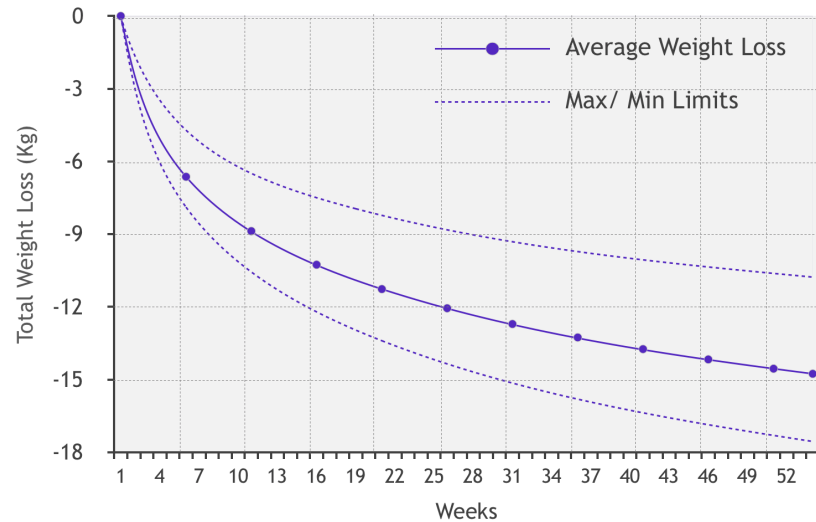


UNLEARNING

Behavioural Theory

Learning represents new stimulus- and-response sets forged through powerful external reinforcements

”Extinction” or the removal of reinforcements



Apposition of "reciprocal behaviors"



Cognitive Theory



Piaget
Schemas



Dewey
Problematic experience



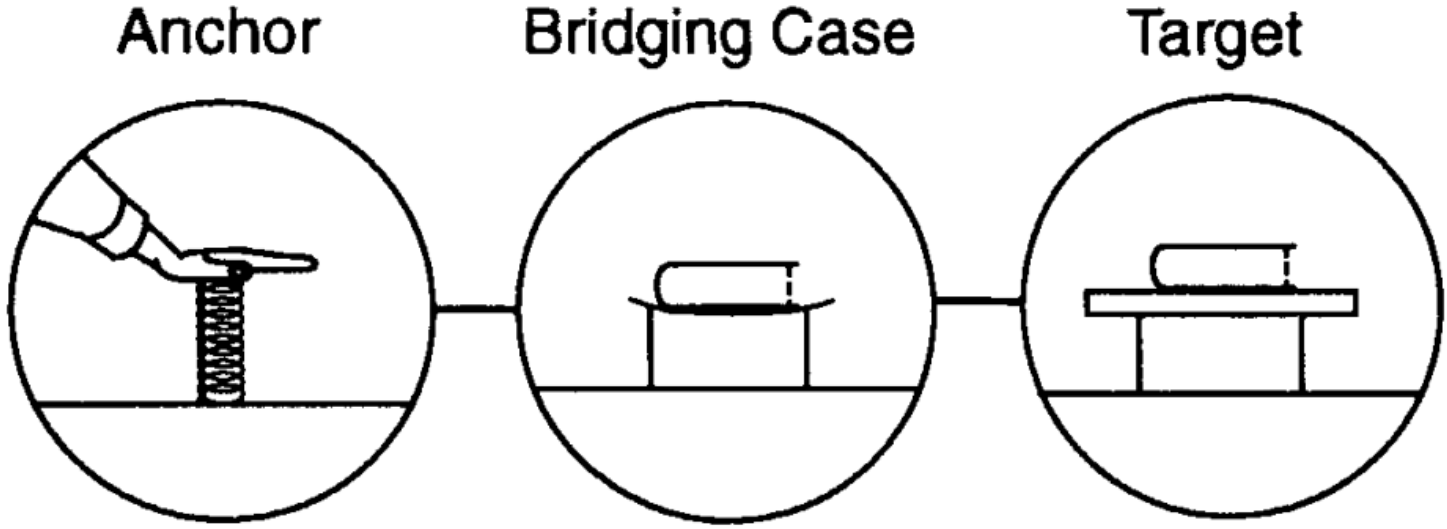
Vyogtsky
Proximal development

Behavioural unlearning

Gagne's model of instructional design is based on the information processing model of the mental events that occur when adults are presented with various stimuli and focuses on the learning outcomes and how to arrange specific instructional events to achieve those outcomes

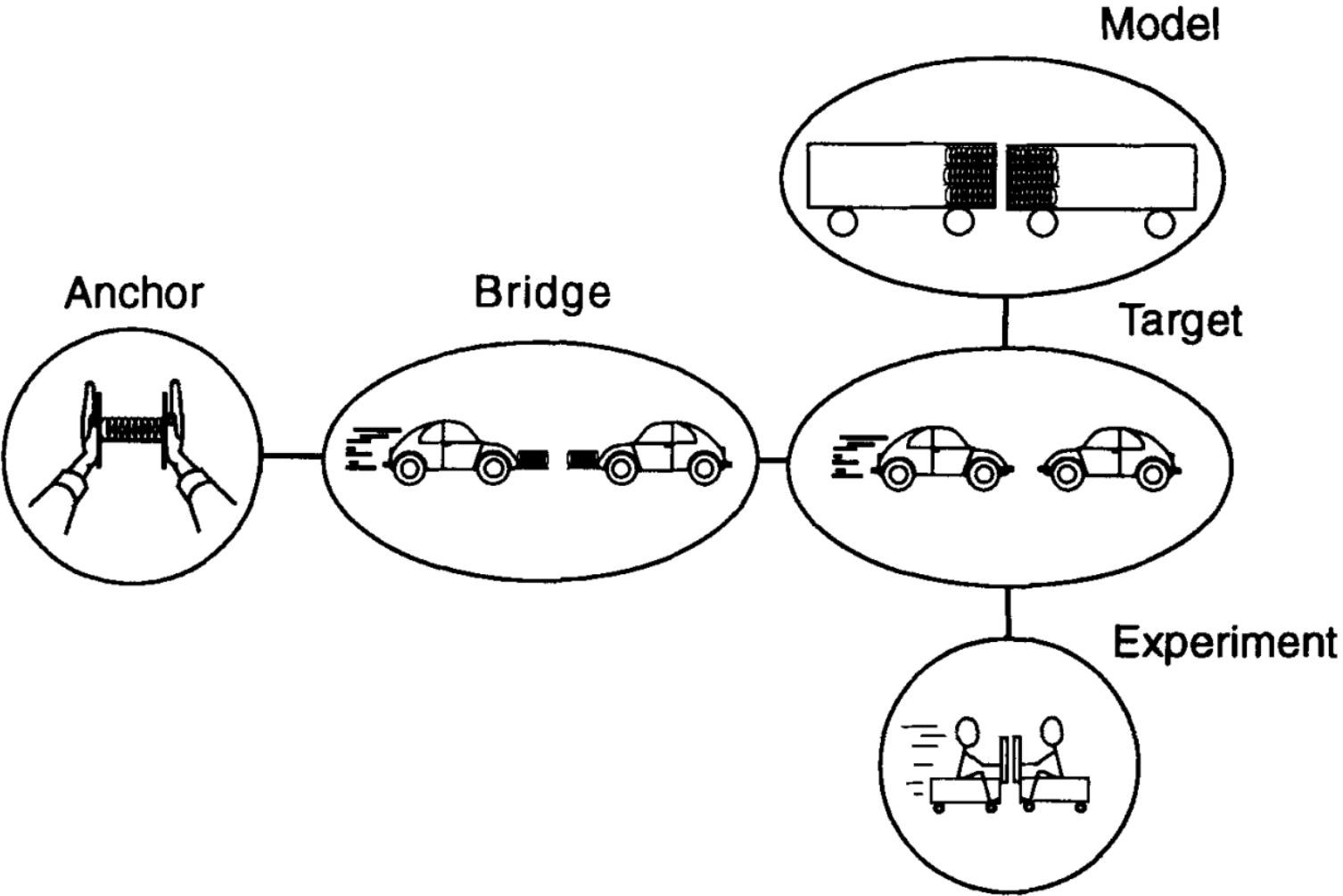


Cognitive Unlearning – Bridging Analogies



Normal Force

Cognitive Unlearning – Bridging Analogies



Third Law

(Clement, 1993)

Mediational Learning Theory



Presentation to students of a learning model that explains the need for mediational learning strategies



Eliciting of students' knowledge, beliefs, and ideas of a concept



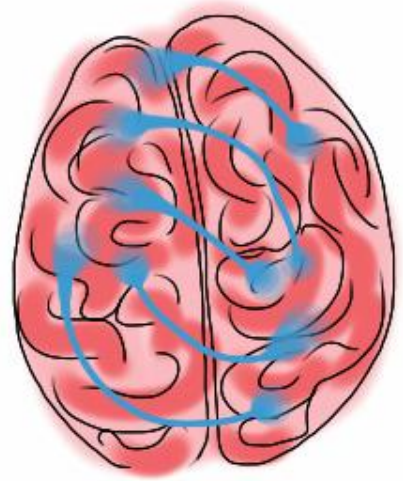
Differentiation of words used in a technical manner from their common sense usage



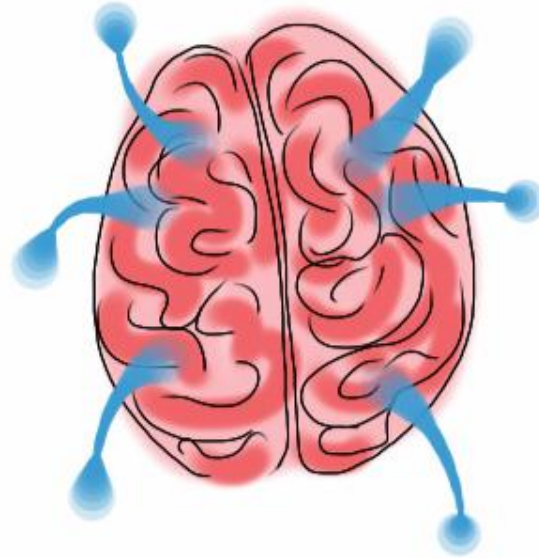
Explicit instruction of the concept with opportunities for students to rehearse important aspects of it



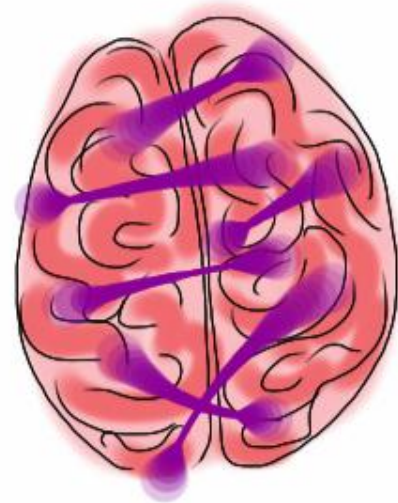
Comparison of old and new concepts from multiple perspectives and the generalization of the new concept to at least six novel applications or problem solving situations



Learn



Unlearn



Relearn

References

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