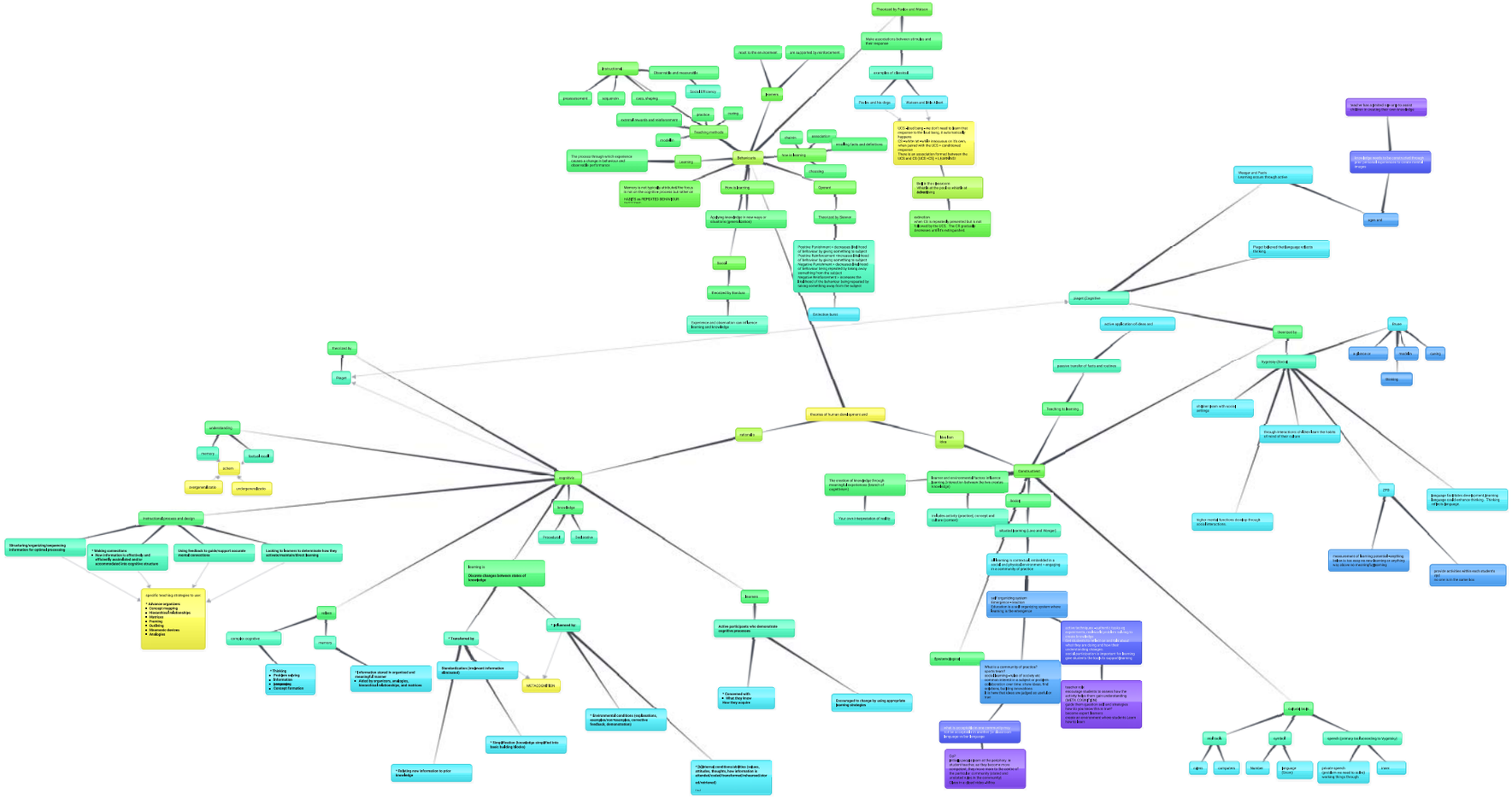
Theorized by Pavlov and Watson
Make associations between stimulus and their response
stimulus-response
Pavlov and his dogs
Watson and Rolly Albert
UCS and being we don't need to learn that response to the final being, it works naturally
CS
CS excite of results in response on its own, when paired with the UCS + conditioned response
There is an association formed between the UCS and CS (UCS-YES) + LEARNING
Skill in that decisions
Whether on the profits whether of advertising
extinction
when UCS is repeatedly presented but is not followed by the UCS. The CS gradually decreases and it's extinguished.
reset to the environment
are supported by reinforcement
learners
Behaviorists
How is learning
Learning
The process through which experience causes permanent changes in our observable performance
Memory is not typically what's what the focus is not on the cognitive process but rather on
insight vs. REPETITIVE REHEARSAL
reinforcement
Punishment
Shaping
practice
rating
Teaching methods
classify
Instructional
Observable and measurable
assignments
acquisition
Social Efficiency
Learning theories
Human learning
Applying knowledge in new ways or situations (generalization)
Theorized by Skinner
Operant
choosing
chaining
association
recalling facts and definitions
Positive Punishment = decreases likelihood of behaviour by giving something to subject
Positive Reinforcement = increases likelihood of behaviour by giving something to subject
Negative Punishment = decreases likelihood of behaviour by removing something from the subject
negative Reinforcement = increases the likelihood of the behaviour being repeated by taking something away from the subject
Extinction burst
Recall
Executed by Brokers
Experience and observation can influence learning and knowledge
Theorized by Bandura and Watson
Make associations between stimulus and their response
Pavlov and his dogs
Watson and Rolly Albert
Learning is continual, embedded in a social and physical environment + engaging in a community of practice
Learning is
Discrete changes between states of knowledge
Active participants who demonstrate cognitive processes
Learners
Encouraged to change by using appropriate learning strategies
Transferred by
Influenced by
Standardization | Judgment information obtained
METACOGNITION
Environmental conditions (explanations, examples, non-examples, corrective feedback, demonstration)
Skill | Internal conditions (abilities, indices, attitudes, beliefs, how information is attended, intellectual skills, mental models of the world and how it works)
Skill | Internal conditions (abilities, indices, attitudes, beliefs, how information is attended, intellectual skills, mental models of the world and how it works)
Cue
Bringing new information to prior knowledge
Strengthening | Organizing | Sequencing information for optimal processing
Making connections between previously learned and currently acquired and/or accommodated into cognitive structure
Using feedback to guide/support accurate mental connections
Leading to learners to demonstrate how they actively/constructivist/direct learning
specific teaching strategies to use:
Advance organizers
Concept mapping
Hierarchical relationships
Matrices
Charting
Outlining
Mnemonic devices
Analogies
instructional process and design
cognitive
Knowledge
Procedural
Declarative
Theories of human development and
naturally
Executed By
Target
understanding
memory
factual recall
actions
overgeneralizations
underrepresentations
Information stored in organized and meaningful manner:
Aided by organizers, analogies, hierarchical relationships, and matrices
Chunking
Mnemonic coding
Elaboration
Integrating
Concept formation
rules
concrete cognitive
memory
Learning is continual, embedded in a social and physical environment + engaging in a community of practice
self-organizing system
Activity Theory
Education is a self-organizing system where learning is the emergence
Learning is
Learning is a community of practice
Learning is a process of participation and reification
Learning is an experience of identity
Learning is a boundary practice
Learning is a way to create meaning
Learning is a way to create meaning
Learning is a way to create meaning