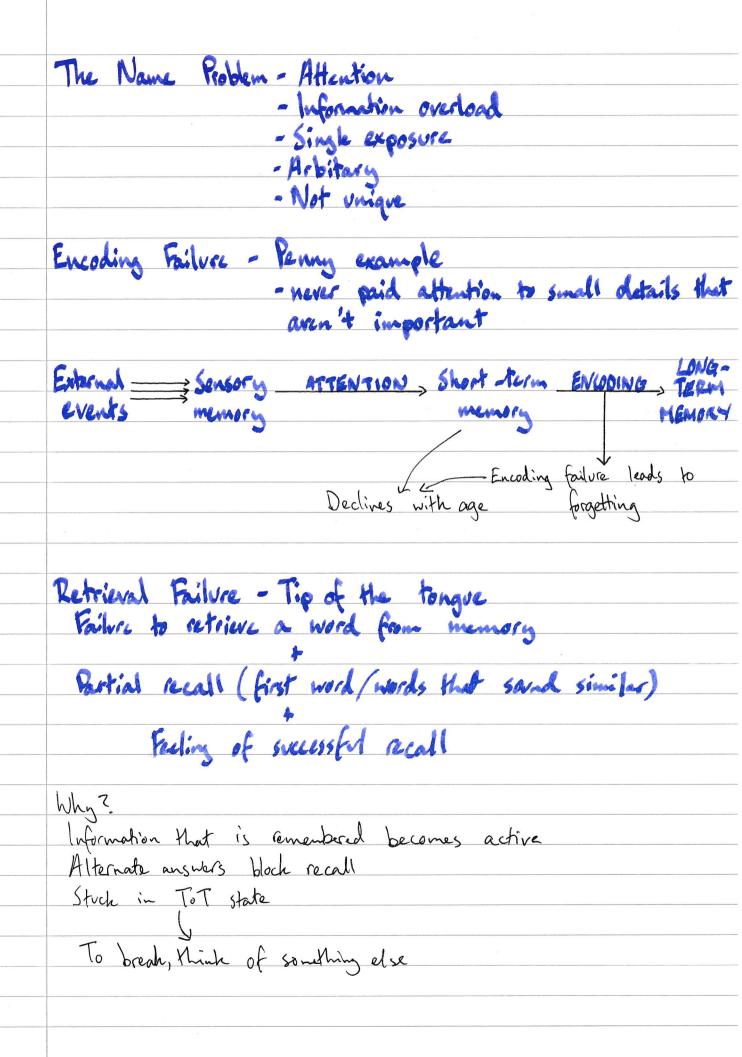
Memory	
	les cut and the state of the
and retrieval of	learning over time through encoding, storage information"
Encoding - gettiv	g information into memory
Storage - retaining	ng information over time
Refrieval - recolli	ng information into memory ing information out of memory
Metaphors: Plato	- "like a wax tablet", passive process
Socrat	-"like a wax tablet", passive process es - "like a cage full of birds", active process
Atkinson - Schill	rocessing Model of Memory rin Modal Memory
Stimulus	
<u> </u>	4. A 48 A
Sensory	memory - Stores all information acquired through the senses. Brief snapshot, 200-500 Sensory memory stores milliserands.
Forgetting	the senses, Brief snapshot, 200 - 500
	3
Attention	Iconic - Visual memory (1-2 seconds)
711169611000	Echoic - Auditory memory (4 seconds) Haptic - Touch memory (5 seconds)
	Olfactory bulb - Smell. No ma actual memory storage
<u> </u>	
Short-ter	m memory - Sensations you pay attention to are
Forgetting Forgetting	transferred here. 7-30 seconds long
	7±2 units of memory
Encoding	Maintenance released Subvocal articulation
Long-term	memory - Permanent storage system.
Forgetting	Visimited/pernament duration,
,	unlimited capacity

Short-term memory-Used to keep track of what is currently relevant
Chuucking - Organizing data into managenble units Works better if data assembled into meaningful groups
Memory experiment - memorising list of words  Primary effect -> items at beginning  Recency effect -> items at end
Typical order of recall - Recency, Primary, items in middle
Long-term memory - Events in your life Episodic memory Facts about the world Semantic memory Motor skills Procedural memory Hyperthymesia Only a small amount of this knowledge is relevant at any moment
Working Memory  Alan Baddeley's model
Visvospatial sketchpad
Phronological Loop Visual-sontial
Auditory rehearsal -> Central Executive - information
e.g. Mentally repeating Focuses information e.g. Mentally
a person's name and controls flow of picturing
information Someone
Long term memory

	· Newer understanding of short-term memory
	Focuses on - conscious, active processing of incoming
	auditory and visual-spatial intermation
	- information retrieved from long-term memory
	- attention (central executive)
	Phronological Loop-holds speech-based information and promotes rehearsal
	Visuospakial Sketchpad - visualization all of above
	Explicit managing - Agained through "Effect of occassing"
2	Explicit memories - Acquired through "Effortful processing" - Facts and experiences we can consciously recall
	- Studying, rehearsing, thinking, processing then storing information in long-term memory
	Implicit memories - Formed through "Automatic processing" - Memories we are not fully aware of
	Automotic Processing - Some experiences go directly to long-term implicit memory
,	> Procedural Memory - knowing how to do things like walking, talking, motor skills
	> Conditioned Associations - e.g. smell that remind favourite place
	nation about > Space - picture where things are in a room
	> Time - backtrading when lost an item
	> Frequency - e.g. 3th wird I've seen today

Memory processing-Automatic processing Effortful processing Implicit memories without conscious recall Explicit memories with conscious recall Processed in cerebellum and basal ganglia Processed in hippocompus and frontal lobes Personally experienced events Facts and Space, Cognitive Classical general knowledge time, and Motor conditioning frequency skills Types of Amnesia Retrograde amnesia - inability to retrieve memories of the - can be caused by head injury / emotional trauma. Often temporary - can also be caused by severe brain damage, which may include auterograde Anterograde amnesia - inability to form new long-term memories - damage / removal to hippocampus



	Theories of Forgetting
	Lack of Encoding Wot paying attention
	Decay Menories fading with time
No.	Memories fading with time Jenkins and Dallenbach, 1924 - Sleep improves memory due to lack of interference
	Interference
•	Proactive Interforence - Old memories interfore with ability to remember new memories
	Retroactive Interference - New memories interfere with ability to remember old memories
	0 00 m 000 m
	Republion
	Defense mechanism to keep trauma out of awareness
	People with trauma don't forget, just don't filly remember -experience flashbandes, recurring memories
	(6,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
_	Improving Memory - self-testing
	- spacing/distributed study
	- chunking
	mnemouses - linking images to words
	peg-word system-linking words with numbers
	(shallow processing - appearance/sound of word)
	- context - dependent memory - environment
	-state-dependent memory - emotional states
	e.g. study while high, take exam while high