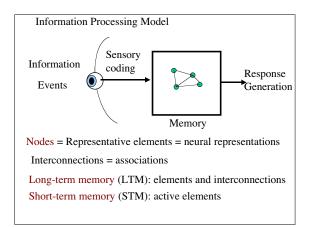
Additional Study Question:

What is infantile amnesia? What does the Hyson and Rudy experiment suggest is a possible underlying cause of infantile amnesia phenomena?



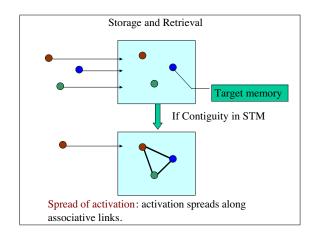
LTM: nodes and associative links

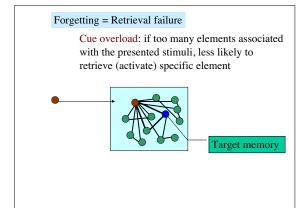
Rules of association

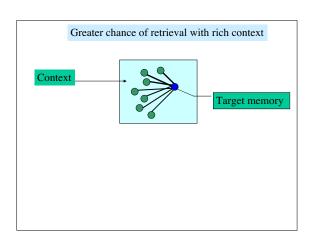
Contiguity (in STM)

Frequency (how often co-active in STM)

Duration (in STM)







Operating Characteristics (features) of STM

- 1. Decay: An active element will, over time, decay to an inactive state
- 2. Limited Capacity: Limited number of elements can be active at any given time

Memory Span

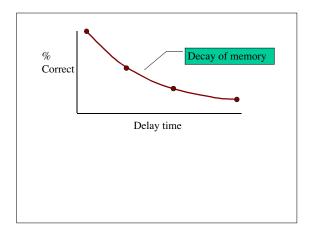
typically 7 ± 2

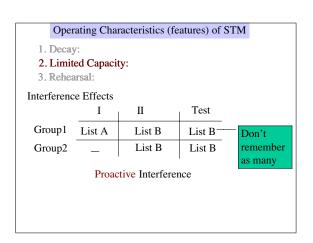
Chunking (increase memory span by combining elements into larger units)

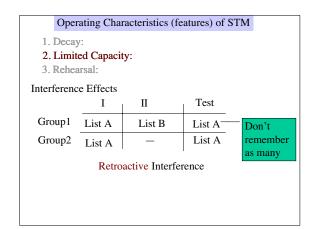
3. Rehearsal: ability to keep an element active.

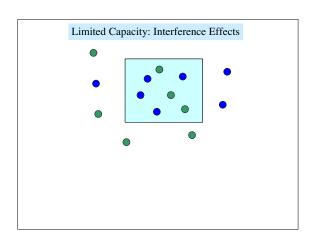
Maintenance Salience Surprise Operating Characteristics (features) of STM

1. Decay:
2. Limited Capacity:
3. Rehearsal:
Delayed Matching to Sample









Operating Characteristics (features) of STM

- 1. Decay:
- 2. Limited Capacity:
- 3. Rehearsal:

Surprise —> more rehearsal

e.g., Blocking: no rehearsal since not surprising

