Long Term Memory: Encoding

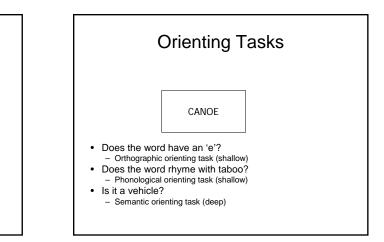
- · Levels of Processing
- · Other factors that affect memorability
 - Organization
 - Elaboration
 - Memory for Personally Relevant Info
 - Self-Generation Effects

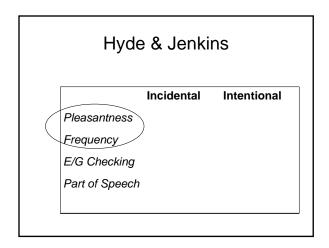
Levels of Processing

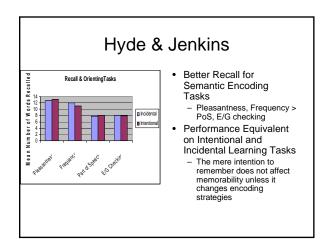
- Craik & Lockhart
 - Continuum of Processing
 - Shallow: surface, perceptual features
 - Deep: processed, meaningful interpretation
 - Level or "depth" of processing affects its memorability
 - Deeper encoding produces more elaborate, longer-lasting memory traces

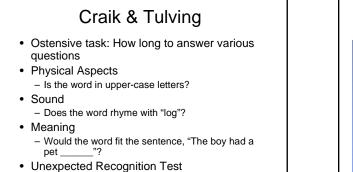
Testing Levels of Processing

- Orienting Tasks
 - Objective: induce subjects to focus on different perceptual and conceptual info associated w/stimuli
- Unexpected Recall Task
 - Objective: exercise more control over subject during encoding phase

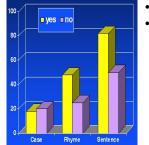








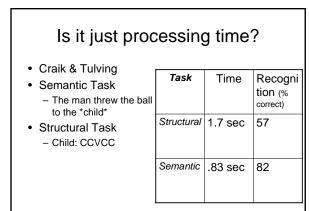
Craik & Tulving Data



Sentence Task Best!

Congruency Effect

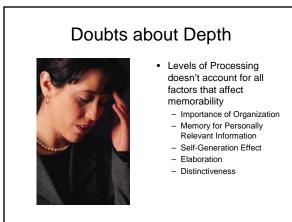
- Finding that people do better on "yes" items than "no"
- Due to differences in retrieval cues
- Is a yacht a ship?
- Is a robin a ship?



Levels of Processing

· Craik & Lockhart

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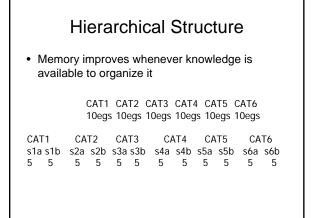
- People naturally organize info
 - magazine, clock, executive, airplane
- Tulving
 - Give people the same words in different random orders (multiple times)

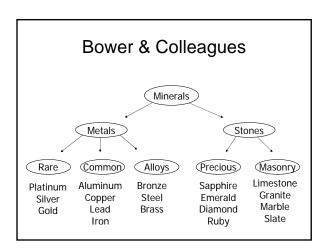
Organization

- Free recall
- · Subjective Organization
 - Each subject has their own strategy
 - People who organized the most remembered the best



- Taxonomic
- Hierarchical
- Thematic
 - Frames, Schemas
 - Librarian
 - Minneapolis
 - Jet
 - Island
 - Tan





	۵	Data			
	[1]	[2]	[3]	[4]	
Organized	73	106	112	112	
Random	21	39	53	70	

