Last Day

- Information about the final
- Questions about the course
- Themes

1

Please Keep in Mind

- Extra credit papers are due *today*
- Experiment participation for extra credit must be completed today
  - □ Do not forget to allocate your credits
- Please, please, please complete the course evaluation for this course
  - □ They are completely anonymous and your comments are useful

Final Exam

- Mon, Dec 15th, **8:00-10:00am**
- 75 questions
- Everyone will have 115 minutes to take the final
- Minimize what you bring into the exam
- You will need
  - ☐ Scantron Form F-288 (a red and white 5" x 11" inch form)
  - ☐ Two sharpened Number 2 pencils
  - ☐ Your **UCI Student ID** card
- Please arrive a few minutes early

Review Sessions

- Today at 2:00 PM in SSL 248
- Tomorrow at 2:00 PM in SST 220A+B

Review Sessions

- Today at 2:00 PM in SSL 248
- Tomorrow at 2:00 PM in SST 220A+B
- What will happen at these sessions
  - Scantrons from the last chapter test will be available and we will discuss problem areas in that test
  - We will be available to discuss and clarify material from the course that students identify as areas that are unclear
- We will *not* be presenting class summaries or new review material

Five Review Strategies

- Look at the material related to the starred questions from each Chapter Test

- Go over the material related to the other questions that you missed on the Chapter Tests

- Be sure that you can answer the posted review questions *and that you understand your answers*

- Think about themes that connect the material that we have covered

- Review the topics presented in the text and lectures

Reviewing Topics (1)

- Identify topics
  - Issue granularity
- Text
  - Chapters
  - Primary Headings
  - Secondary Headings
- Lectures
  - Topics listed on the 1st slide
  - Topics listed on the Summaries
  - Individual slides
- Zaps and Norton Reader

Reviewing Topics(2)

- For each topic, I suggest these 5 steps
1. Identify at least one important idea, research finding, or theory related to this topic.
2. Ask why what you have identified is important?
3. Consider how can you apply/connect what you have identified to something in the course.
4. Consider how can you apply/connect what you have identified to something in your life.
5. Do you still have any questions or is there still something about this topic that puzzles you?

■ Which of the chapters that we covered did you find *most* interesting?

A. Learning
B. Memory
C. Thinking
D. Language
E. Development

■ Which of the chapters that we covered did you find *least* interesting?

A. Learning
B. Memory
C. Thinking
D. Language
E. Development

■ Which of the chapters that we covered did you find *most difficult*?

A. Learning
B. Memory
C. Thinking
D. Language
E. Development

■ In addition to the final exam, how many mid-terms would you prefer?

A. 1

B. 2

C. 3

D. 4

E. 5 – i.e. chapter tests

- **Did you find using Clickers**
A. Very useful
B. Somewhat useful
C. Somewhat unhelpful
D. Very unhelpful

- **Did you find doing Zaps**
A. Very useful
B. Somewhat useful
C. Somewhat unhelpful
D. Very unhelpful

■ Did you find the text (Gleitman)

A. Very interesting
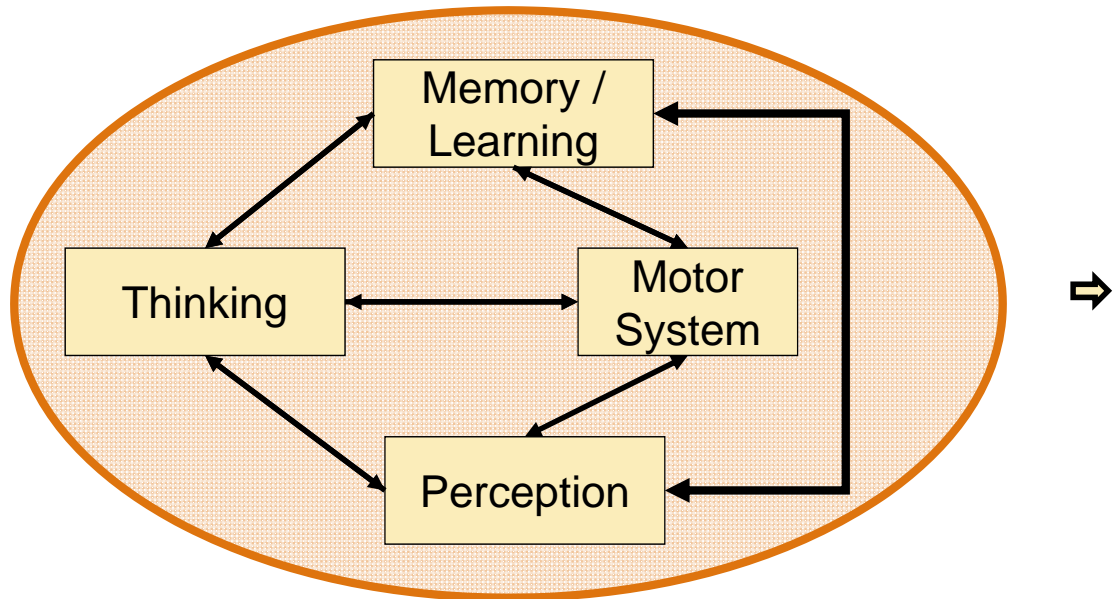
B. Somewhat interesting

C. Somewhat boring

D. Very boring

■ Setting aside whether it was interesting or not, did you find *reading* the text (Gleitman)

A. Very easy

B. Somewhat easy

C. Somewhat hard

D. Very hard

■ Did you find the readings outside of the text (e.g., chapters in the Norton Reader and other sources)

A. Very interesting

B. Somewhat interesting

C. Somewhat boring

D. Very boring

Illusion of Separable Mechanisms

Memory / Learning

Thinking

Motor System

Perception

Conscious vs. Unconscious Processing

Type of Processing

Area	Conscious	Unconscious
Learning	- Trainer	- Trainee
Memory	- Rehearsal - Mnemonics	- Storage - Reconstruction
Thinking & Cognitive Development	- Following algorithms - Flexible thinking	- Intuition - Skills
Language	- Communicative intentions	- Production - Comprehension
Social Development	- Relationships	- Groupness

Mental Representation

- Types
  - ☐ Analogical – Linked to perception
  - ☐ Symbolic – Linked to language
- Importance
  - ☐ Memory and perception
  - ☐ Thinking processes can be aided or hindered by the representations they employ
  - ☐ Developmental stages

Influence of Strategies

- Thinking
- Memory – Mnemonics
- Language & Development - Imitation

Nature vs. Nurture
Innate vs. Acquired

- Central issue for
  - □ Language
  - □ Cognitive and social development
- Thinking
- Memory

Performance vs. Competence

- Central to presentations of
  - ☐ Language
  - ☐ Thinking
- Study of development
- Memory