• Assignments
  – Place in folder (I will not ask for it)
  – Must be identifiable, put your name on it!
  – Must be typed
• Theory versus Hypothesis
  – Theory
  – Hypothesis
• KWL
  – Will be graded on quality (1st KWL was a freebie)
• 3/3/10 – Class Observation
  – Exam will be discussed / reviewed during the 2nd half.
Child Development
The Cognitive-Development and Contextual Perspective
Chapters 6 and 7

Mercer County Community College
Cognitive-Development

Attempts to explain human behavior by understanding the thought processes.

- Piaget
  - 4 Stages of cognitive development
- Vygotsky
- Information Processing
- Core-Knowledge Theories
Piaget’s Four Stages of Development

• Sensorimotor (Ages 0-2)

• Preoperational (Ages 2-6)

• Concrete Operational (Ages 7-11)

• Formal Operational (Adolescent and Beyond)
The Sociocultural Perspective

- Learning emerges through social interaction.

“Every function in the child’s cultural development appears twice: first, on the social level, and later, on the individual level; first between people (interpsychological) and then inside the child (intrapsychological).”

Vygotsky, 1978
The Difference

**Piaget**: Development necessarily preceded learning.

**Vygotsky**: Social learning precedes development.
Vygotsky

- Inter-subjectivity
- Guided participation
- Zone of Proximal Development (ZPD)
- Scaffolding
Memory

• Origins of Memory

• Strategies for Remembering
  – Rehearsal
  – Organization
  – Elaboration

• Knowledge and Memory
Problem Solving

• Developmental Trends in Solving Problems
• Features of Children’s and Adolescents’ Problem Solving
• Scientific Problem Solving
Academic Skills

• Reading

• Writing

• Knowing and Using Numbers