

- 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 (1<sup>st</sup> KWL was a freebie)
- 3/3/10 – Class Observation
  - Exam will be discussed / reviewed during the 2<sup>nd</sup> 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.

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- 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