South Dakota State University

ECE 492: Orientation to K-2 student Teaching

Concepts addressed in class: Examples of important theorists


Specifically, students should review:

**Biology-based Theories** - “Powerful organic or inherited forces influence behavior.”
- Evolutionary
- Ethology
- Attachment
- Neurodevelopmental

**Psychoanalytic Theories** - “The most important causes of behavior are rooted in the unconscious drives and forces that develop within the mind of an individual.”
- Freud
- Erikson

**Environment-based Theories** - “The environment and personal experiences determine behavior.” “Behavioral change only occurs when the environment is changed.”
- Classical Conditioning
- Operant Conditioning
- Social Learning

**Cognition-based Theories** - “Thinking and reasoning change over time and influence development. Individuals strive for greater understanding of the world around them.”
- Piaget
- Vygotsky
- Information Processing

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Contextual Theories – “Biology and the environment interact to influence behavior and development. The child acts within the environment to produce developmental changes.”

Ecological

Dynamic Systems

Multiple Intelligences - Howard Gardner

Bodily/Kinesthetic

Intra-personal

Inter-personal

Verbal/Linguistic

Musical/Rhythmic

Logical/Mathematical

Visual/Spatial

Naturalist

Existentialist

Bloom’s Taxonomy

Evaluation

Synthesis

Analysis

Application

Comprehension

Knowledge