PART IV. COGNITIVE LEARNING THEORIES

CHAPTER 8. PIAGET'S LEARNING THEORY

1. Schema Theory, Learning, and Comprehension

2. Cognitive Development – Stage Theories

3. Piaget's Four Stages

4. Piaget: Concepts and Applications

5. Piaget: Classroom Applications

6. Developmentally Appropriate Instruction – Part 1

7. Developmentally Appropriate Instruction – Part 2 (early to late adolescence)

CHAPTER 9. VYGOTSKY'S LEARNING THEORY

1. Vygotsky: Overview

2. Vygotsky: Scaffolding

3. Vygotsky: Examples of Scaffolding

4. Basic Skills Lesson Plan

CHAPTER 10: THE INFORMATION PROCESSING MODEL

1. Human Learning: The Information Processing Model

2. Cognitive Psychology: Overview

3. Cognitive Psychology: The Importance of Knowledge

4. Cognitive Psychology: Perception

5. Cognitive Psychology: Short Term and Working Memory

6. Cognitive Psychology: Long Term Memory

7. Cognitive Psychology: Enhancing the Retrieval of Knowledge from LTM

8. Cognitive Psychology: Enhancing the Encoding of Information

CHAPTER 11: MEMORY

1. Learning and Memory

2. Human Learning: Memory

3. Learning and Remembering

4. Constructing Memories

5. Retrieval and Encoding Failures

6. Using Bloom's Taxonomy

CHAPTER 12: LEARNING

1. Transfer of Learning in Education

2. Transfer of Learning

3. Promoting Transfer

4. Learning Strategies and Tactics

CHAPTER 13: CONSTRUCTIVIST LEARNING THEORY

1. Constructivism: Overview

2. Constructivism: Applications

3. Cognitive Psychology and Constructivism

CHAPTER 14: THE LEARNING THEORY OF JEROME BRUNER

1. Discovery Learning: The Basics

2. Discovery Learning: Overview

3. Discovery Learning – Part 2: Open Discovery Learning

4. Discovery Learning – Part 3: Guided Discovery Learning

5. Discovery Learning Lesson Plan

6. Bruner: Using Discover Learning to Teach Concepts

7. Whole-to-Part Instruction

CHAPTER 15: AUSUBEL'S THEORY OF MEANINGFUL VERBAL LEARNING

1. Ausubel: Advanced Organizers

2. Ausubel: Expository Teaching

3. Ausubel: Using Expository Teaching to Teach Concepts

4. Engagement