

# Sample Study Guide – Outline Format

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for Educational Psychology: Midterm 1

Intro – Book Chapter 1, Classes 1 and 2

1. What is Educational Psychology? – *branch of psychology → study of mental processes and behaviors associated with human learning and instruction. Also: nature of learners & learning, characteristics of effective teaching, how nature of classrooms affects learning.*
  - a) What are the INSTASC standards? – 1. Content Pedagogy, 2. Student dev, 3. Diverse Learners, 4. Multiple Instructional Strat, 5. Motivation and Management, 6. Comm and Tech, 7. Planning, 8. Assessment?, 9 Reflective Practice and Prof. Growth, 10. Schl and Community Involvement
2. How does Science and Theories relate to Educational Practice? *Science can explain what are the best educational practices and why, by testing theories*
  - a) What is the difference between **implicit theories** and **Scientific theories**? - *Theories are logical explanations/beliefs about how the world works, Implicit is informal beliefs/common sense, while scientific is formal, and describe variables and relationships.*
  - b) How do we compare theories? 3 dimensions-
    - i) **Characteristics**- *What all the theory is about (scope)*
    - ii) **Epistemic** – *How accurate/coherent/consistent/understandable is it*
    - iii) **Applicability**- *Can it be applied and used.*
3. How is theory and research used to improve teaching? *Because of the complexity of teaching, teachers must know how to utilize multiple theories*
  - a) How do theories inform decision making? *Theories can influence goals, student evaluation, and strategies used. Often times scientific studies are used as a starting point to add to personal experience. Theories allow one identify characteristics of problems, find patterns and identify principles that generate a solution.*
    - i) **Decision Points**- *Three decision points are: Planning decisions, Teaching and managing decisions, and assessment decisions.*
4. How are Teachers and Research related? *Answer...*
  - a) What are key considerations when conducting education research in the classroom? *Answer...*
  - b) What is the Tetrahedral Model and what are its components? *Answer...*
5. How does Theory and Research inform Textbook reading? *Answer...*
  - a) How do you select important information? *Answer...*
    - i) **Selection**- *definition...*
  - b) What are some ways information is Organized? *Answer...*
    - i) **Organization**- *definition...*
  - c) Why is integration important? *Answer...*
    - i) **Integration**- *definition...*

Behavioral Learn Theory – Book Chapter 2, Classes 3, 4 and 5

1. Describe the Behavioral View of Learning *Answer...*
  - a) What are the three types of Stimuli and how are they different? *Answer...*
  - b) How is learning measurable and observable? *Answer...*
2. What are the Behavioral Learning Models? *Answer...*
  - a) What is Contiguity learning and how is it used in the classroom? *Answer...*
  - b) Draw a diagram illustrating classical conditioning and label the CS, UCS, CR and UCR. *Answer...*

# Nerd Landia Study Guide

**Laurie Rozakis**



## **Nerd Landia Study Guide:**

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