

## TESTS, TESTING, AND TEST TAKING

**Genetics**  
**Early Experiences**  
**Life Space**  
**Learning**  
**Expectancies**

- I.
  1. Populations and Samples
  2. Samples of Behavior
  3. Tests as Appropriate Samples of Behavior
    - A. Requirements
      - a. Standardization
      - b. Reliability
      - c. Validity
- II.
  1. Ability = f (Aptitude x [Training + Experience])
  2. In the Abstract:  
Performance = f (Ability x Motivation)
  3. In the Real World:  
Performance = f (Opportunity x [Ability x Motivation])
- III. Classes of Tests
  1. Convergent
    - A. Aptitude--Achievement
    - B. Intelligence
      1. Academic
  2. Divergent
    - A. Projective
    - B. Creativity
- IV. Dimensions on Which Tests May Vary
  1. Group--Individual
  2. Multiple Choice--Essay
  3. Power--Speed
  4. Integration--Regurgitation
  5. Etc.