

Chapter 1: Introduction to Tests and Measurements

Terminology

- Measurement
 - Reliability
 - Objectivity
 - Validity
- Test
- Evaluation
 - Formative or summative
 - Norm-referenced standard or criterion-referenced standard

Purposes of Measurement, Testing, and Evaluation

- Placement
- Diagnosis
- Prediction
- Motivation
- Achievement
- Program evaluation

Taxonomy of the Cognitive Domain (Bloom)

- 1.00 Knowledge
 - 1.10 Knowledge of specifics
 - 1.20 Knowledge of ways and means of dealing with specifics
 - 1.30 Knowledge of the universals and abstractions in a field
- 2.00 Comprehension
 - 2.10 Translation
 - 2.20 Interpretation
 - 2.30 Extrapolation
- 3.00 Application
- 4.00 Analysis
 - 4.10 Analysis of elements
 - 4.20 Analysis of relationships
 - 4.30 Analysis of organizational principles
- 5.00 Synthesis
 - 5.10 Production of unique communications
 - 5.20 Production of a plan for operations
 - 5.30 Derivation of a set of abstract relations
- 6.00 Evaluation
 - 6.10 Judgments in terms of internal evidence
 - 6.20 Judgments in terms of external evidence

How do you feel about rumspringa?

Other Topics

- Busing
- Abortion
- Apartheid
- This class
- Physical activity
- Drug use in sport
- Professional athletics
- Your instructor

Taxonomy of the Affective Domain (Krathwohl)

- 1.00 Receiving
 - 1.10 Awareness
 - 1.20 Willingness to receive
 - 1.30 Controlled or selected attention
- 2.00 Responding
 - 2.10 Acquiescence in responding
 - 2.20 Willingness to respond
 - 2.30 Satisfaction in response
- 3.00 Valuing
 - 3.10 Acceptance of a value
 - 3.20 Preference for a value
 - 3.30 Commitment
- 4.00 Organization
 - 4.10 Conceptualization of a value
 - 4.20 Organization of a value system
- 5.00 Characterization by a value complex
 - 5.10 Generalized set
 - 5.20 Characterization

Taxonomy of the Psychomotor Domain (Harrow)

- 1.00 Reflex movements
 - 1.10 Segmental reflexes
 - 1.20 Intersegmental reflexes
 - 1.30 Suprasegmental reflexes
- 2.00 Fundamental movements
 - 2.10 Locomotor movements
 - 2.20 Nonlocomotor movements
 - 2.30 Manipulative movements
- 3.00 Perceptual abilities
 - 3.10 Kinesthetic discrimination
 - 3.20 Visual discrimination
 - 3.30 Auditory discrimination
 - 3.40 Tactile discrimination
 - 3.50 Coordinated abilities
- 4.00 Physical abilities
 - 4.10 Endurance
 - 4.20 Strength
 - 4.30 Flexibility
 - 4.40 Agility
- 5.00 Skilled movements
 - 5.10 Simple adaptive skill
 - 5.20 Compound adaptive skill
 - 5.30 Complex adaptive skill
- 6.00 Nondiscursive movements
 - 6.10 Expressive movement
 - 6.20 Interpretive movement

Figure 1.1 Relationships among test, measurement, and evaluation