

Key Concepts

Testing Techniques: How to Design Better Tests

Purpose of Assessment:

- 1) To measure the degree to which students have learned what they should have learned;
- 2) To provide feedback about how well students have learned the material.

Measures of a “Good Test”:

- 1) Difficulty – how challenging is the test?
- 2) Discrimination – do the test scores reflect the ability levels of the students?
- 3) Reliability – consistency of measurement; if re-tested, would the results be the same?
- 4) Validity – whether the test measures what it claims to measure

Aligning Test Questions to Learning Objectives:

- 1) Objectives: what students should know
- 2) Activities: how students will learn
- 3) Evaluation: how we know students learned