

Cognitive Diagnostic Assessment For Education

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A self-contained examination of the latest research on cognitive diagnostic assessment in education. With the current push toward educational reform, there is great potential for innovation and change, particularly in large scale testing. One area where change is possible is in cognitive diagnostic assessment.

Researchers in educational measurement and cognitive psychology are finally in a position to design tests targeted specifically for providing valuable information about students' cognitive strengths and weaknesses. This self-contained volume organizes what is known about cognitive diagnostic assessment in education, including its conceptual and philosophical basis, methods, and applications. The complete list of topics includes educational demand, philosophical rationale, construct validity, cognitive methods, test construction, statistical models, and unresolved issues (e.g., how to best translate diagnostic information into teaching practices). Leighton and Gierl present a comprehensive and up-to-date examination of cognitive diagnostic assessment in education. EAN/ISBN : 9780511282928 Publisher(s): Cambridge University Press Format: ePub/PDF Author(s): Leighton, Jacqueline - Gierl, Mark

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