

Mathematics Teachers' Efficacy and Expectancy Beliefs Instrument (MTEEBI)
Riggs, I., Fischman D., Riggs, M., Jetter, M., and Jesunathadas, J. (2013)¹
Scoring Guide

Step 1: Item Scoring: Items must be scored as follows:

Strongly Agree = 5; Agree=4; Uncertain=3; Disagree=2; and Strongly Disagree=1.

Step 2: The following items must be reverse scored in order to produce consistent values between positively and negatively worded items. Reversing these items will produce high scores for those high and low scores for those low in efficacy and outcome expectancy beliefs.

Items: 2, 4, 6, 7, 8, 9, 11, 20, 25, 32

Step 3. Items for the two scales are scattered randomly throughout the MTEEBI. The items designed to measure self-efficacy are as follows:

Items: 1, 3, 5, 10, 12, 13, 14, 15, 18, 19, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 33

Items designed to measure outcome expectancy are as follows:

Items: 2, 4, 6, 7, 8, 9, 11, 16, 17, 20, 25, 32

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