MISSOURI ADVISORY BOARD FOR EDUCATOR PREPARATION

MABEP

MATHEMATICS SPECIALIST GRADES 1-6 AND SCHOOL PSYCHOLOGIST

Missouri Department of Elementary and Secondary Education

August 20, 2015
Missouri Educator Gateway Assessments

- Recommendation for Missouri Qualifying Scores
- Two Missouri Content Assessments
  - New – Elementary Mathematics Specialist (Code 065)
  - Revision – School Psychologist (Code 057)

Advanced Certification
Test Development

- Followed Same Development Processes
  - Develop Framework/Competencies
  - Review Framework by PK-12 & EPPs
- Conduct Item Validation/Standard Setting
  - August 4 & 5
  - Participants: 8 – 5 PK-12 & 3 EPPs
  - Various geographic locations
  - Report Received on August 14
Standard Setting Activity

- Engaged panel in a series of activities.
- Required participants to “take the test” without the benefit of the answer key, in order to simulate the candidate testing experience.
- Made a series of judgments regarding each of the multiple-choice items.
Standard Setting – Continued

- Utilized a “Modified Angoff procedure”
- Obtained item-by-item judgments
- Identified what the “just acceptable candidate” would correctly answer
- Made two rounds of standard setting ratings.
- Provided panelists with their own and fellow panelists’ first round judgments.
- Completed a second round of judgments in which
- Review and revise their Round 1 item judgments in light of the information provided
Calculated panel-based passing scores from Missouri educators

Provided standard setting results DESE (8/14)

Convened electronic meetings with MACCE (8/19) and MABEP (8/20)

Recommend scaled score of 220 on the 100-to-300

Use MACCE and MABEP recommendation to develop a recommendation to present to SBE
Elementary Mathematics Specialist (065)

- Mathematics Specialist Grades 1-6
- Newest Certification Area
- Proposed by PK-12 & EPP Educators
- SBE Approved February 2012
- Role: Support classroom teachers
- Previous Assessments
  - Praxis II – Middle School Mathematics
  - Missouri Content Assessment (Code 012)
- Opportunity to Build a New Assessment
## Elementary Mathematics Specialist (065)

<table>
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<tr>
<th>Field</th>
<th>Test Length</th>
<th>-2 SEM</th>
<th>-1 SEM</th>
<th>Panel Based Score</th>
<th>+1 SEM</th>
<th>+2 SEM</th>
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MACCE Recommendation:  
MABEP Recommendation:  
Department Recommendation:  
Department Rationale:
School Psychologist (057)

- Revision of the Assessment
  - Balance Test Items
- Conduct Standard Setting
  - August 6
  - Panel Participants: 8 – 5 PK-12 & 3 EPPs
  - Various geographic locations
  - Report Received on August 14
MACCE Recommendation:
MABEP Recommendation:
Department Recommendation:
Department Rationale:
September E-Meeting

- Missouri School Leader Performance Assessment (MoSLPA) by ETS
- Implemented in 2014-2015
- Standard Setting – August 19-20-21
- Report to DESE OEQ
- E-Meeting with MACCE & MABEP
- SBE Presentation – October 26/27
- Missouri Qualifying Score Beginning Fall 2015
Comments, Questions and Concerns
Contact Us

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