



# Missouri Advisory Board for Educator Preparation MABEP

September 18, 2014



## Tests

Find information about each test, including when and where you can test.

## Important Announcements

- Sep 17** Registration for the [MoGEA](#) and [Paraprofessional](#) tests is now open.
- Sep 3** Registration for the [Missouri Educator Profile \(MEP\)](#) is now open.
- Jul 31** Preparation materials now available [Read more](#).

Returning visitors: sign in to access your account.

[Sign In Now](#)

## Prospective Candidates

Quick links to program essentials to start you on your way:

- [What tests do I need to take?](#)
- [Test dates and sites](#)
- [Preparation materials](#)
- [Alternative testing arrangements](#)
- [Testing policies](#)

## Returning Visitors

Quick links for candidates who have already registered to test:

- [View/change registrations](#)
- [The day of the test](#)
- [View scores and testing history](#)
- [Get help finding information](#)

[www.mo.nesinc.com](http://www.mo.nesinc.com)

## Preparation Materials



- [Find prep materials for your test](#)
- [Take an online practice test](#)
- [View a test preparation video](#)

[www.mo.nesinc.com](http://www.mo.nesinc.com)



## Test Development Process

### Missouri Educator Participation

- The **Bias Review Committee** reviews assessment materials for sensitivity and fairness and to help ensure they are free from bias and reflective of the diversity of the Missouri population.
- The **Content Advisory Committee** reviews assessment materials for appropriateness, including content significance, accuracy, freedom from bias, and job-relatedness.



## Test Development Process

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- Conduct Program Planning
- Establish Advisory Committees
- Develop Test Framework
- Conduct Test Framework Review
- Conduct Content Validation Survey
- Develop Assessment Items
- Conduct Item Review Conference
- Marker Response Selection Meeting
- Conduct Item Validation and Standard Setting Conference

## Goals of the Process

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- Based on unique needs and requirements of Missouri
- Consistent with Missouri and national educator standards and practices
- Reflective of subject knowledge required for effective teaching in Missouri
- Accurate and valid
- Free from bias

## Setting Standards on a Criterion-Referenced Test

- Define the criterion for passing as the performance level expected of the “just acceptable candidate”
- Examinee performance is compared to the criterion – those who meet it are considered passers
- Examinees are not compared to other examinees, as in norm-referenced tests

## Setting Standards on a Criterion-Referenced Test

- Standard setting process involves defining the expected performance of the just acceptable candidate on each of the test items and computing an expected total test score for each subtest
- Standard setting procedure referred to as the “modified Angoff method”
- Industry standard method used for many professions – education, law, medicine, etc.

## Overview of Procedures

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- Simulated Test-Taking
- Round One Ratings: Multiple–Choice Questions
- Round Two Ratings: Review and Revise Multiple-Choice Round One Ratings
- Round One Ratings: Constructed-Response Questions, if present
- Round Two Ratings: Review and Revise Constructed-Response Round One Ratings
- Conference Evaluation

## Validation of Items

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- Competency Match
- Accuracy
- Freedom from Bias
- Job-Relatedness

# Match to Test Framework and Standards

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## Test materials match if:

- they measure an important aspect of the competency.
- the difficulty level is appropriate for the testing program.

## Accuracy

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### Test materials are accurate if:

- the content of the item is accurate.
- the terminology is appropriate.
- all parts of the item are clear in meaning.
- the graphic (if any) is accurate and relevant to the item.
- they are grammatically correct.

## Accuracy for Multiple-Choice

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- Does the answer key identify the correct response?
- Are the distractors plausible yet clearly incorrect?
- Is the wording of the item stem free of clues that point toward the correct answer?

## Freedom from Bias

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### Test materials are free from bias if:

- they are free of nonessential language, content or stereotypes that might potentially disadvantage or offend an individual because of her or his gender, race, ethnicity, nationality, national origin, ethnicity, sexual orientation, religion, age, disability, or cultural, economic, or geographic background.

## Job-Relatedness

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### Test materials are job-related if:

- the content is job-related.
- they measure content that a teacher needs to perform the job of a Missouri educator.
- they measure content at a level that is appropriate for the associated teaching certificate.

## Expected Performance Judgments

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**Imagine a hypothetical group of individuals who are just at the level of knowledge and skills required to perform effectively in this field in Missouri schools.**

**What percent of this group would answer the item correctly?**

0% - 10%	= 1	51% - 60%	= 6
11% - 20%	= 2	61% - 70%	= 7
21% - 30%	= 3	71% - 80%	= 8
31% - 40%	= 4	81% - 90%	= 9
41% - 50%	= 5	91% - 100%	= 10

## Expected Performance Judgment

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**Imagine a hypothetical individual who is just at the level of knowledge and skills in this field required to perform effectively in Missouri schools.**

**For this constructed-response item, what score represents the level of response that would be achieved by this individual?**

## Future Activities

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- Present information provided by Missouri committee members to the Department of Elementary and Secondary Education (DESE)
- DESE will review the information with MACCE and MABEP
- The Board will establish the Missouri passing score for each assessment – December 5, 2014

## Characteristics of Certification Tests

- A few test fields have a high number of examinees (Elementary Educ, Mild/Moderate Middle/Secondary, Early Childhood)
- Most test fields have a low number of examinees
- Testing population less variable than total population
- Candidates self-select if and when to test

## Characteristics of Certification Decisions

- Purpose of licensing/certification tests: Protect the public
- First consideration: Meet experts' definition of the “just acceptable qualified candidate”
- Second consideration: Evaluate percentage of candidates passing