

A COMPARISON OF THE ORIGINAL (Effective until August 29, 2015) AND REVISED (Effective August 31, 2015) MISSOURI GENERAL EDUCATION ASSESSMENT

In response to recommendations made by Missouri teacher preparation programs, the Missouri Department of Elementary and Secondary Education has directed the Evaluation Systems Group of Pearson to make a number of changes to the Missouri General Education Assessment (MoGEA). The revised MoGEA will go into effect on August 31, 2015.

The primary changes to the MoGEA involve:

- a reduction in the measurement of specific content knowledge related to literature, science, and social studies;
- the elimination of assessment related to oral communication and public speaking;
- an emphasis on the assessment of reading comprehension;
- an emphasis on the assessment of basic mathematical knowledge and skills;
- an emphasis on basic science and social studies concepts and inquiry skills;
- a reduction in the length of passages used to assess candidates' ability to understand and analyze texts; and
- the implementation of a new test structure featuring four rather than five subtests.

Specifically, the following revisions have been made to each of the subtests that make up the initial version of MoGEA.

Subtest 1

The original Subtest 1 requires candidates to demonstrate the ability to understand, analyze, and apply critical reasoning skills to evaluate informational, persuasive, and literary texts, and to demonstrate understanding of effective oral communication and public speaking skills.

The revised Subtest 1 will require candidates to demonstrate the ability to understand, analyze, and apply critical reasoning skills to evaluate informational, persuasive, and literary texts, but the length of the passages that candidates must analyze have been somewhat reduced in length, the proportion of literary texts has dropped; and candidates are no longer assessed on their knowledge of literary genres, specific foundational works of American and world literature, or ways in which the content of a given work of literature reflects or is influenced by its social or historical context. In addition, Subtest 1 will no longer include assessment of oral communication and public speaking skills.

Subtest 2

The initial Subtest 2 requires candidates to produce a clear, coherent, written composition in which the development, organization, and style are appropriate to task, purpose, and audience.

At the recommendation of the Missouri teacher preparation programs, no changes are being made to Subtest 2.

Subtest 3

The original Subtest 3 requires candidates to demonstrate understanding of numbers and algebra, measurement and geometry, and probability and statistics.

The revised Subtest 3 will require candidates to demonstrate understanding of similar areas of mathematics -- numbers and algebra, measurement and geometry, statistics and data analysis -- but with the elimination of higher-level mathematics and an emphasis on the mathematical knowledge and skills

needed by candidates to successfully complete a teacher preparation program. Specifically, the revised Subtest 3 places greater emphasis on the characteristics of numbers (e.g., integers, fractions, decimals) and their basic operations, but reduces the emphasis on manipulation of algebraic expressions and equations. Proofs and their analyses, along with probability, are no longer part of Subtest 3.

Subtest 4

The original Subtest 4 requires candidates to demonstrate understanding of the nature and practice of science, as well as fundamental concepts, principles, and theories of biology, chemistry, physics, geology, and astronomy.

On the revised version of the MoGEA, the assessment of science knowledge has been reduced by 50% and is now part of a revised Subtest 4 that combines science and social studies. Moreover, candidates will no longer be required to demonstrate detailed knowledge of individual science disciplines. Instead, examinees will be asked to demonstrate broad understanding of fundamental crosscutting scientific concepts as defined by the Next Generation Science Standards (e.g., patterns, structure, function, scale, proportion, energy, matter, systems, models) and to demonstrate understanding and be able to apply science inquiry and literacy skills.

Subtest 5

The original Subtest 5 requires candidates to demonstrate understanding of inquiry and literacy skills in the social sciences; to demonstrate understanding of major developments and significant features of world and U.S. history, geography, culture, and society; and to demonstrate knowledge of primary features, central concepts and basic operations of the world's political and economic systems and the principles of American citizenship.

On the revised version of the MoGEA, assessment of social studies knowledge has been reduced by 50% and is now part of a revised Subtest 4 that combines science and social studies. Examinees will continue to have to demonstrate understanding and be able to apply social studies inquiry and literacy skills, but will no longer be required to demonstrate detailed knowledge of individual social studies disciplines. Instead, examinees will be asked to demonstrate broad understanding of fundamental social studies concepts (e.g., chronology, causality, spatial distribution, constitutional democracy, scarcity, opportunity cost, socialization) across social studies disciplines.

The outlines below illustrate the structure and content of the original and revised MoGEA.

Original MoGEA	Revised MoGEA
<u>Subtest 1: English Language Arts</u> 0001 Comprehension and Analysis of Text 0002 Informational and Persuasive Text 0003 Literary Text 0004 Oral Communication and Public Speaking	<u>Subtest 1: Reading Comprehension and Interpretation</u> 0001 Literal Comprehension 0002 Inference and Interpretation 0003 Critical Reasoning and Evaluation
<u>Subtest 2: Writing</u> 0005 Writing Assignment	<u>Subtest 2: Writing</u> 0004 Writing Assignment
<u>Subtest 3: Mathematics</u> 0006 Numbers and Algebra 0007 Measurement and Geometry 0008 Probability and Statistics	<u>Subtest 3: Mathematics</u> 0005 Numbers and Algebra 0006 Measurement and Geometry 0007 Probability and Data Analysis
<u>Subtest 4: Science</u> 0009 The Nature and Practice of Science 0010 Biology and Chemistry 0011 Physics, Geology, and Astronomy	<u>Subtest 4: Science and Social Studies</u> 0008 Fundamental Crosscutting Scientific Concepts 0009 Science Inquiry and Literacy Skills 0010 Fundamental Social Studies Concepts 0011 Social Studies Inquiry and Literacy Skills
<u>Subtest 5: Social Studies</u> 0012 Inquiry and Literacy Skills 0013 History, Geography, Culture, and Society 0014 Government, Civics, and Economics	