

**MISSOURI EDUCATOR GATEWAY ASSESSMENTS**  
**Field 073/074 Elementary Education Multi-Content**  
**Content Alignment Study**

The Content Alignment Study below provides information about the alignment of knowledge and skills described in the competencies that make up the test framework for this licensure test with the state and national standards designated by the Department of Elementary and Secondary Education for this field. The table indicates those portions of the relevant state and/or national standards that are addressed -- in whole or in part -- by each competency.

Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
<b>Subtest I (Field 073): Mathematics</b>	<b>Mathematics Missouri Learning Standards: Grade-Level Expectations (Grades K–5, Grade 6)</b>	<b>CAEP 2018 K–6 Elementary Teacher Preparation Standards</b>	
0001 Apply knowledge of number sense and operations.	K.NS.A, B, C K.NBT.A K.RA.A 1.NS.A 1.RA.A, B, C 2.NBT.A, B, C 3.NBT.A 3.NF.A 4.NBT.A, B, C 5.NBT.A 5.NF.A, B 6.RP.A, 6.NS.A, B, C	1.a – Candidates use their understanding of how children grow, develop and learn to plan and implement developmentally appropriate and challenging learning experiences within environments that take into account the individual strengths and needs of children.  2.b - Candidates demonstrate and apply understandings of major mathematics concepts, algorithms, procedures, applications and mathematical practices in varied contexts, and connections within and among mathematical domains.  3.a – Candidates administer formative and summative assessments regularly to determine students’ competencies and learning needs.  3.b – Candidates use assessment results to improve instruction and monitor learning.	

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		<p>3.c – Candidates plan instruction including goals, materials, learning activities and assessments.</p> <p>3.f – Candidates explicitly support motivation and engagement in learning through diverse evidence-based practices.</p> <p>4.a – Candidates use a variety of instructional practices that support the learning of every child.</p> <p>4.b – Candidates teach a cohesive sequence of lessons to ensure sequential and appropriate learning opportunities for each child.</p> <p>4.c – Candidates explicitly teach concepts, strategies, and skills, as appropriate, to guide learners as they think about and learn academic content.</p> <p>4.d – Candidates provide constructive feedback to guide children’s learning, increase motivation, and improve student engagement.</p> <p>4.e – Candidates lead whole class discussions to investigate specific content, strategies, or skills, and ensure the equitable participation of every child in the classroom.</p>	

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0002 Apply knowledge of relationships and algebraic thinking.	2.RA.A, B 2.NBT.A, B, C 3.RA.A, B, C, D 4.RA.A, B, C 5.RA.A, B, C 6.EE1.A, B, C	1.a 2.b 3.a, b, c, f 4.a, b, c, d, e	
0003 Apply knowledge of geometry and measurement.	K.GM.A, B, C 1.GM.A, B, C 2.GM.A, B, C, D 3.GM.A, B, C, D 4.GM.A, B, C 5.GM.A, B, C, D 6.GM.A	1.a 2.b 3.a, b, c, f 4.a, b, c, d, e	
0004 Apply knowledge of data analysis, statistics, and probability.	K.DS.A 1.DS.A 2.DS.A 3.DS.A 4.DS.A 5.DS.A 6.DSP.A,B	1.a 2.b 3.a, b, c, f 4.a, b, c, d, e	

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<b>Subtest I (Field 073): Science</b>	<b>Science Missouri Learning Standards: Grade-Level Expectations (Grades K–5, Grade 6)</b>	<b>Next Generation Science Standards (NGSS)</b>	
0005 Apply knowledge of physical science.	K.PS1.A.1, 2.PS1.A.1–2, 3.PS1.A.1, 5.PS.A.1–2, 3.PS1.B.1, 5.PS1.B.1–2, 1.PS3.A.1, 4.PS3.A.1, 4.PS3.B.1–2, 4.PS3.C.1, 1.PS4.A.1, 2.PS4.A.1, 4.PS4.A.1, 5.PS4.A.1, 1.PS4.C.1, K.ETS1.A–C.1, 1.ETS1.A–C.1, 2.ETS1.A–C.1, 3.ETS1.A–C.1, 4.ETS1.A–C.1, 5.ETS1.A–C.1, 6-8.PS1.A.1–2, 6-8.PS1.A.4, 6-8.PS1.B.1–2, 6-8.PS2.A.1–2, 6-8.PS2.B.1–3, 6-8.PS3.A.1–4, 6-8.PS3.B.1, 6-8.PS4.A.1–2, 6-8ETS1.A.1, 6-8ETS1.B.1–3	K-PS2-1–2, K-PS3-1–2, 1-PS4-1–4, 2-PS1-1–4, K-2-ETS1-1–3, 3-PS2-1–4, 4-PS3-1–3, 4-PS4-1–4, 5-PS1-1–4, 5-PS3-1, 5-PS2-1, 3-5-ETS1-1–3, MS-PS1-1–2, MS-PS1-4–6, MS-PS2-1–5, MS-PS3-1–5, MS-PS4-1–3, MS-ETS1-4	
0006 Apply knowledge of life science.	5.PS3.D.1, 1.LS1.A.1, 4.LS1.A.1, 5.LS1.A.1, 3.LS1.B.1, K.LS1.C.1, 5.LS1.C.1, 4.LS1.D.1, 2.LS2.A.1–2, 5.LS2.B.1, 1.LS3.A.1, 3.LS3.A–D.1, K.ESS2.E.1, K.ESS3.A.1, K.ETS1.A–C.1, 1.ETS1.A–C.1, 2.ETS1.A–C.1, 3.ETS1.A–C.1, 4.ETS1.A–C.1, 5.ETS1.A–C.1, 6-8.LS1A.1–4, 6-8.LS1B.1–2, 6-8.LS1C.1, 6-8.LS2A.1–2, 6-8.LS2B.1, 6-8.LS2C.1–2, 6-8.LS4A.1, 6-8.LS4B.1–2, 6-8.LS4C.1, 6-8ETS1.A.1, 6-8ETS1.B.1–3	K-LS1-1, K-ESS2-2, K-PS3-1, 1-LS1-1–2, 1-LS3-1, 2-LS2-1–2, 2-LS4-1, K-2-ETS1-1–3, 3-LS2-1, 3-LS4-1, 3-LS4-3–4, 3-LS1-1, 3-LS3-1–2, 3-LS4-2, 4-LS1-1–2, 5-PS3-1, 5-LS1-1–2, 3-5-ETS1-1–3, MS-LS1-1–3, MS-LS2-1–8, MS-LS3-2, MS-LS4-1–4, MS-LS4-6, MS-ETS1-4	

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0007 Apply knowledge of Earth and space science.	K.PS3.A.1, K.PS3.B.1, 1.ESS1.A.1–2, 5.ESS1.A.1, K.ESS1.B.1, 5.ESS1.B.1–2, 2.ESS1.C.1, 4.ESS1.C.1, 2.ESS2.A.1, 4.ESS2.A.1, 5.ESS2.A.1, 2.ESS2.B.1, 4.ESS2.B.1, 2.ESS2.C.1, 5.ESS2.C.1, K.ESS2.D.1, 1.ESS2.D.1, 3.ESSD.1–2, K.ESS2.E.1, K.ESS3.A.1, 4.ESS3.A.1, K.ESS3.B.1, 3.ESS3.B.1, 5.ESS3.C.1, K.ETS1.A–C.1, 1.ETS1.A–C.1, 2.ETS1.A–C.1, 3.ETS1.A–C.1, 4.ETS1.A–C.1, 5.ETS1.A–C.1, 6-8.PS1.A.3, 6-8.LS2C.2, 6-8.LS4A.1, 6-8ESS1.A.1–3, 6-8ESS1.B.1, 6-8ESS1.C.1, 6-8ESS2.A.1–2, 6-8ESS2.B.1, 6-8ESS2.C.1–3, 6-8ESS3.A.1, 6-8ESS3.B.1, 6-8ESS3.C.1–2, 6-8ESS3.D.1, 6-8ETS1.A.1, 6-8ETS1.B.1–3	K-ESS2-2, K-ESS3-1, K-ESS3-3, K-PS3-1, K-ESS2-1, K-ESS3-2, 1-ESS1-1, 1-ESS1-2, 2-ESS1-1, 2-ESS2-1–3, K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3, 3-ESS2-2, 3-ESS3-1, 4-ESS3-1, 4-ESS1-1, 4-ESS2-1, 4-ESS2-2, 4-ESS3-2, 5-ESS2-1–2, 5-ESS3-1, 5-PS2-1, 5-ESS1-1–2, 3-5-ETS1-1–3, MS-PS1-3, MS-PS2-4, MS-ESS1-1–4, MS-ESS2-1–6, MS-ESS3-1–5, MS-ETS1-4	

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Subtest II (Field 074): English Language Arts	<b>ELA Missouri Learning Standards: Grade-Level Expectations (Grades K–5, Grade 6)</b>	<b>ILA Standards for the Preparation of Literacy Professionals (Elementary/Intermediate Classroom Teacher)</b>	
0008 Apply knowledge of foundations of language and literacy development.	<p><b>Grades K–5:</b></p> <p><i>Reading:</i> 1.B.Vocabulary 1.D.Independent Text</p> <p><i>Reading Foundations:</i> 1.A.Print Awareness 2.A.Phonemic Awareness 3.A.Phonics 4.A.Fluency</p> <p><i>Language:</i> 1.B.Punctuation, Capitalization, Spelling</p> <p><i>Speaking/Listening:</i> 1.A.Purpose</p> <p><b>Grade 6:</b></p> <p><i>Reading:</i> 3.D.Comprehension</p>	1.1, 1.3; 2.2, 2.4; 3.1–3.3	

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Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
0009 Apply knowledge of vocabulary development and text comprehension.	<p><b>Grades K–5:</b></p> <p><i>Reading:</i></p> <ul style="list-style-type: none"> <li>1.A.Comprehension</li> <li>1.B.Vocabulary</li> <li>1.C.Making Connections</li> <li>1.D.Independent Text</li> <li>2.A.Fiction</li> <li>3.A.Text Features</li> <li>3.C.Text Structures</li> </ul> <p><i>Reading Foundations:</i></p> <ul style="list-style-type: none"> <li>3.A Phonics</li> </ul> <p><b>Grade 6:</b></p> <p><i>Reading Literary Text:</i></p> <ul style="list-style-type: none"> <li>1.A.Evidence/Inference</li> <li>1.B.Word Meanings</li> <li>2.C.Craft and Meaning</li> <li>3.D.Comprehension</li> </ul> <p><i>Reading Informational Text:</i></p> <ul style="list-style-type: none"> <li>1.A.Evidence/Inference</li> <li>1.B.Word Meanings</li> <li>2.C.Craft and Meaning</li> <li>3.D.Comprehension</li> </ul>	1.1–1.2; 2.1–2.2, 2.4; 3.1–3.3; 5.1–5.3	

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Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
0010 Apply knowledge of comprehension, interpretation, and analysis of literary and informational texts.	<p><b>Grade K–5:</b></p> <p><i>Reading:</i></p> <ul style="list-style-type: none"> <li>2.A.Fiction</li> <li>2.B.Poetry</li> <li>2.C.Drama</li> <li>3.A.Text Features</li> <li>3.B.Literary Techniques</li> <li>3.C.Text Structures</li> <li>4.A.Digital and Media Literacy</li> </ul> <p><b>Grade 6:</b></p> <p><i>Reading Literary Text:</i></p> <ul style="list-style-type: none"> <li>1.A.Evidence/Inference</li> <li>1.B.Word Meanings</li> <li>1.C.Text Features</li> <li>1.D.Summarize/Theme</li> <li>2.A.Structure</li> <li>2.B.Point of View</li> <li>2.C.Craft and Meaning</li> <li>2.D.Interaction and Meaning</li> <li>3.D.Comprehension</li> </ul> <p><i>Reading Informational Text:</i></p> <ul style="list-style-type: none"> <li>1.A.Evidence/Inference</li> <li>1.B.Word Meanings</li> <li>1.C.Text Features</li> <li>1.D.Summarize/Claim</li> <li>2.A.Structure</li> <li>2.B.Craft and Meaning</li> <li>2.D.Argument/Evidence</li> <li>3.D.Comprehension</li> </ul>	1.1; 2.1–2.2; 3.1–3.2	



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Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
0011 Apply knowledge of processes, modes, and conventions of written and oral communication.	<p><b>Grades K–5:</b></p> <p><i>Writing:</i></p> <ul style="list-style-type: none"> <li>1.A.Prewriting</li> <li>1.B.Draft</li> <li>1.C.Revise/Edit</li> <li>1.D.Produce/Publish and Share Writing</li> <li>2.A.Opinion/Argumentative</li> <li>2.B.Informative/Explanatory</li> <li>2.C.Narrative/Literary</li> <li>3.A.Research Process</li> </ul> <p><i>Language:</i></p> <ul style="list-style-type: none"> <li>1.A.Grammar</li> <li>1.B.Punctuation, Capitalization, Spelling</li> </ul> <p><i>Speaking/Listening:</i></p> <ul style="list-style-type: none"> <li>1.A.Purpose</li> <li>3.A.Collaborative Discussions</li> <li>4.A.Presenting</li> </ul> <p><b>Grade 6:</b></p> <p><i>Writing:</i></p> <ul style="list-style-type: none"> <li>1.A.Research</li> <li>2.A.Development a–c</li> <li>3.A.Revise and Edit a–e</li> </ul> <p><i>Speaking and Listening:</i></p> <ul style="list-style-type: none"> <li>1.A.Conversations</li> <li>1.B.Questioning</li> <li>1.C.Viewpoints of others</li> <li>2.A.Verbal Delivery</li> <li>2.B.Nonverbal</li> <li>2.C.Multimedia</li> </ul>	1.2, 1.3; 2.3; 3.1–3.3; 5.2–5.3	

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Subtest II (Field 074): Social Science	<b>Social Studies Missouri Learning Standards: Grade-Level Expectations (Grades K–5, Grade 6)</b>	<b>NCSS National Standards for the Preparation of Social Studies Teachers (2018)</b>	<b>CCSSO College, Career, and Civic Life (C3): Framework for Social Studies State Standards (2013)</b>
0012 Apply knowledge of documents, principles, and processes of government.	<p><b>Grades K–5:</b></p> <p>1. Constitutional democracy A.–F.  2. Governance systems A.–D.</p> <p><b>Grade 6:</b></p> <p>2:2. Governmental Systems and Principles  3:2. Governmental Systems and Principles  4:2. Governmental Systems and Principles  5:2. Governmental Systems and Principles  6:2. Governmental Systems and Principles</p>	<p>Element 1a: Candidates are knowledgeable about the <i>concepts, facts, and tools</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1b: Candidates are knowledgeable about <i>disciplinary inquiry</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1c: Candidates are knowledgeable about <i>disciplinary forms of representation</i> in civics, economics, geography, history, and the social/behavioral sciences.</p>	<p>Dimension 1. Developing Questions and Planning Inquiries</p> <p>Dimension 2. Applying Disciplinary Tools and Concepts: Civics</p> <p>Dimension 3. Evaluating Sources and Using Evidence</p> <p>Dimension 4. Communicating and Critiquing Conclusions</p>

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Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
0013 Apply knowledge of historical inquiry and the history of Missouri and the United States.	<p><b>Grades K–5:</b></p> <p>3. History of Missouri and the United States A.–I.            7. Inquiry A.–C., E.</p> <p><b>Grade 6:</b></p> <p>1:1. History: Continuity and Change            2:1. History: Continuity and Change            3:1. History: Continuity and Change            4:1. History: Continuity and Change            5:1. History: Continuity and Change            6:1. History: Continuity and Change</p>	<p>Element 1a: Candidates are knowledgeable about the <i>concepts, facts, and tools</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1b: Candidates are knowledgeable about <i>disciplinary inquiry</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1c: Candidates are knowledgeable about <i>disciplinary forms of representation</i> in civics, economics, geography, history, and the social/behavioral sciences.</p>	<p>Dimension 1. Developing Questions and Planning Inquiries</p> <p>Dimension 2. Applying Disciplinary Tools and Concepts:            History</p> <p>Dimension 3. Evaluating Sources and Using Evidence</p> <p>Dimension 4. Communicating and Critiquing Conclusions</p>

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Test Competency	Missouri State Learning Student Standards	National Standards	State Standards
0014 Apply knowledge of economics, geography, the environment, culture, and society.	<p><b>Grades K–5:</b></p> 4.A.–D. 5.A.–G. 6.A.–E. <p><b>Grade 6:</b></p> 2:3. Geographical Study 3:3. Geographical Study 4:3. Geographical Study 5:3. Geographical Study 6:3. Geographical Study 2:4. Economic Concepts 3:4. Economic Concepts 4:4. Economic Concepts 5:4. Economic Concepts 6:4. Economic Concepts 2:5. People, Groups, and Cultures 3:5. People, Groups, and Cultures 4:5. People, Groups, and Cultures 5:5. People, Groups, and Cultures 6:5. People, Groups, and Cultures	<p>Element 1a: Candidates are knowledgeable about the <i>concepts, facts, and tools</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1b: Candidates are knowledgeable about <i>disciplinary inquiry</i> in civics, economics, geography, history, and the social/behavioral sciences.</p> <p>Element 1c: Candidates are knowledgeable about <i>disciplinary forms of representation</i> in civics, economics, geography, history, and the social/behavioral sciences.</p>	<p>Dimension 1. Developing Questions and Planning Inquiries</p> <p>Dimension 2. Applying Disciplinary Tools and Concepts:            Economics            Geography</p> <p>Dimension 3. Evaluating Sources and Using Evidence</p> <p>Dimension 4. Communicating and Critiquing Conclusions</p>