

**MISSOURI EDUCATOR GATEWAY ASSESSMENTS**  
**Fields 007–010 Elementary Education Multi-Content**  
**Content Alignment Table**

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.

<b>Test Competency</b>	<b>Common Core State Standards for English Language Arts &amp; Literacy in History/Social Studies, Science, and Technical Subjects</b>	<b>IRA/NCTE Standards for the English Language Arts</b>	<b>IRA Standards for Reading Professionals—Revised 2010</b>
<b>Elementary Education: English Language Arts Subtest</b>			
0011 Understand foundations of language and literacy development.	RF.1-5.1-4; L.6.4.b		2-3
0012 Understand text comprehension and vocabulary development.	L.6.4, 6	1, 3	2-3
0013 Demonstrate the ability to comprehend, interpret, and analyze literary and informational texts.	RL.6.1-7, 9-10; RI.6.1-10; L.6.5	1-3	
0014 Understand processes, modes, and conventions of written and oral communication.	W.6.1-9; SL.6.1-6; L.6.1-2	4-9, 12	

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Test Competency	Missouri Learning Standards for Mathematics	NCATE/NCTM Program Standards (2003) Programs for Initial Preparation of Mathematics Teachers Standards for Elementary Mathematics Specialist (content standards, 9-13)	NCTM NCATE Mathematics Content for Elementary Mathematics Specialist Addendum to the NCTM NCATE Standards 2012
<b>Elementary Education: Mathematics Subtest</b>			
0021 Understand numbers and operations.	1.OA; 1.NBT; 2.OA; 2.NBT; 3.OA; 3.NBT; 3.NF; 4.OA; 4.NBT; 4.NF; 5.OA; 5.NBT; 5.NF; 6.RP; 6.NS; 6.EE;	9.1-4	C.1.1; C.1.2-4
0022 Understand algebraic relationships.	1.OA, 2.OA; 3.OA; 4.OA; 4.NF; 5.OA; 5.NBT; 5.NF; 6.RP.1; 6.NS; 6.EE;	10.1-5	C.2.1-4
0023 Understand measurement, geometry, and data.	1.MD; 1.G; 2.MD; 2.G; 3.MD; 3.G; 4.MD; 4.G; 5.NF; 5.MD; 5.G; 6.RP; 6.G; 6.SP;	11.1, 3-4; 12.1-3; 13.1-2	C.1.4; C.3.1-6, 8; C.4.2-3

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Test Competency	Missouri Learning Standards for Science Grades K-5 and Grades 6-8	NSTA Standards for Science Teacher Preparation 2003 (NSTA)  Next Generation Science Standards 2013 (NGSS)	Common Core State Standards for Mathematics (CCSS-Math)  Common Core State Standards for ELA & Literacy in History/Social Studies, Science, and Technical Subjects (CCSS-ELA)
<b>Elementary Education: Science Subtest</b>			
0031 Understand science and engineering practices and crosscutting concepts.	Grades 1-5: S7.1.A-D; S8.1.A-C; S8.2.-3  Grade 6: S7.1.A-D; S8.1.A-C; S8.2.A-B; S8.3.B	NSTA: A.1.1-5; A.5.27-30  NGSS: Science and Engineering Practices 1-8; Engineering Design 3-5 ETS1; MS-ETS1; Crosscutting concepts 1-7	CCSS-Math: 1.MD; 2.MD; 3.MD; 4.MD; 5.MD; 6.SP  CCSS-ELA: Reading Standards for Literacy in Science and Technical Subjects grades 6-8, Standards 1-10
0032 Understand fundamental concepts of biology.	Grades 1-5: S3.1.A-B, D-E; S3.2.C; S3.3.D; S4.1.A, D; S4.2.A; S4.3.A, C  Grade 6: S3.1.A, C, E; S3.2.A-B; S4.1.A-B, D; S4.2.A; S4.3.A, C	NSTA: A.2.6-12  NGSS: 1-LS1, 3; 2-LS2, 4; 3-LS1-4; 4-LS1; 5-LS1-2; MS-LS1-4	CCSS-Math: 6.RP

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0033 Understand fundamental concepts of physical science and Earth science.	Grades 1-5: S1.1.A-D, I; S1.2.A, C, F; S2.1.A-B; S2.2.A-B, D, F; S5.1.A-C; S5.2.A. E-F; S5.3.A; S6.1.A-B; S6.2.A-C  Grade 6: S1.1.A-D, G, I; S1.2.A, C; S5.1.A-B; S5.2.A-B, D-F; S5.3.A	NSTA: A.3.13-20; A.4.21-26  NGSS: 1-PS4; 1-ESS1; 2-PS1; 2-ESS1-2; 3-PS2; 3-ESS2; 4-PS3-4; 4-ESS1-2; 5-PS1, 3; 5-ESS2-3; MS-PS1-4	

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Test Competency	Missouri Learning Standards for Social Science	NCSS National Standards for Social Science Teachers	CCSSO College, Career, and Civic Life (C3): Framework for Social Studies State Standards
<b>Elementary Education: Social Studies Subtest</b>			
0041 Understand basic historical concepts and major developments in Missouri, U.S., and world history.	1.A-C; 2.C; 3a.A-I, M-S, U, W-Z; 3.b.A-O; 5.D-E; 7.A, C, E-G	II, IX; 1	Change, Continuity, and Context; Perspectives; Historical Sources and Evidence; Causation and Argumentation
0042 Understand the fundamental principles and concepts of geography.	3a.A, C, S-V; 3b.O; 5.A-J; 6.A, F, J-K, O; 7.A, C-G	I, III, IX; 2	Geographic Representations: Spatial Views of the World; Human-Environment Interaction: Places, Regions and Culture; Human Population: Spatial Patterns and Movements; Global Interconnections: Changing Spatial Patterns
0043 Understand the fundamental principles and concepts of government and economics.	1.A-C; 2.A, C; 3a.I-R; 3b.B, K; 4.A-D, F, H-K; 6.J, M; 7.A, C-G	VI, VII, IX, X,; 3, 4	Civic and Political Institutions; Participation and Deliberation: Applying Civic Virtues and Democratic Principles; Processes, Rules, and Laws; Economic Decision-Making; Exchange and Markets; The National Economy; The Global Economy