

Great Source Education

Math In Focus

Grade 1

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correlated to

**Mississippi Mathematics Framework
Grade 1**

Explanation Of Correlation

The following document is a correlation of **Great Source Education, *Math in Focus*** to the Mississippi Mathematics Framework. The format of this correlation follows the same basic format established by the Mathematics Framework, modified to accommodate the addition of page references. The correlation provides a cross-reference between the skills in the Mathematics Framework and representative page numbers where those skills are taught or assessed.

The references contained in this correlation reflect Great Source Education's interpretation of the Mathematic objectives outlined in the Mississippi Mathematics Framework.

Key to References

TE-A *Teacher's Edition A*

TE-B *Teacher's Edition B*

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Math in Focus, Grade 1 © 2009

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Mississippi Mathematics Framework (2007)
Grade 1

Standard	Descriptor	Page Citations
Standard 1	Number and Operations	
Competencies and Objectives		
1. Understand and represent relationships among numbers and compute operations (addition and subtraction) with and without manipulatives.		
a.	Recognize and write numbers 0 to 100. (DOK 1)	TE-A: 4-5, 8, 27A, 38B, 166-168, 170B, 191A TE-B: 57, 59, 62, 78, 79, 131C, 176, 182, 183A, 189-190, 202, 239C, 293F
b.	Compose and decompose two-digit numbers with representations in words and physical models. (DOK 2)	TE-A: 165-170, 170A, 170B, 171-174, 177-179, 181, 191 TE-B: 54, 59, 64-65, 79A, 81-82, 131C, 140, 140A, 173, 179, 186-188A, 239C, 293E, 293F
c.	Explain how to compare and order two-digit numbers using the terms “more,” “less,” “greater than,” “less than,” “equal to,” and “almost,” and the symbols $>$, $<$, and $=$. (DOK 1)	TE-A: 4-5, 27, 165, 167, 190-191 TE-B: 54, 66-69, 70, 73A, 74, 77A, 79, 79A, 131C, 174-175, 187-188, 194-195, 199, 199A, 203, 239D, 293F

Standard	Descriptor	Page Citations
d.	Use multiple representations for addition (combining of sets) and subtraction (take-away, missing addend, comparison) to solve problems. (DOK 1)	<p>TE-A: 42-45, 48-52, 53-55, 56A, 57-63, 63A, 68, 69, 70, 72-73, 73A, 74, 76, 77-81, 81A, 82-84, 85-87, 89-90, 93, 93A, 171-174, 177-179, 190-191, 195, 196-197, 200-206, 208, 209, 210-212, 213-217</p> <p>TE-B: 84, 86-93, 93A, 94-98, 100, 103-109, 111-115, 117, 119, 123, 124-126, 205, 209-212, 216-217, 219, 222-227, 230-232</p>
e.	Find the sums of 3 single-digit addends (for example: $3 + 6 + 2 = 11$). (DOK 1)	TE-A: 119-122, 122A, 131A, 131C
f.	Justify addition and subtraction of two-digit whole numbers without regrouping. (DOK 2)	TE-B: 84-93A, 101-110, 110A, 130-131, 209-215A, 222-229A, 239
g.	Find equal money amounts with different coin combinations up to \$0.25. (DOK 1)	TE-B: 266, 270, 270B, 271-273A
h.	Identify the value of coins (penny, nickel, dime, quarter). (DOK 1)	TE-B: 261-270, 270A-270B, 271-273, 273A, 274-283, 283A-283B
i.	Determine the value of like coins up to \$1.00. (DOK 1)	TE-B: 263-264, 269
j.	Find the value of mixed coins up to \$1.00. (DOK 1)	TE-B: 265-270B, 274-283B

Standard	Descriptor	Page Citations
Standard 2	Algebra	
Competencies and Objectives		
2. Recognize, extend, and create patterns.		
a.	Use a pattern rule to translate and recognize patterns from one pattern representation to another. (DOK 2)	TE-A: 129-131
b.	Formulate, explain, and generalize patterns within and across addition and subtraction. (DOK 2)	TE-A: 20-25A TE-B: 70-71, 73-74, 79, 241-246, 246A-246B, 251-254, 257A
c.	Model situations and solve equations that require addition and subtraction of whole numbers; use objects, pictures, and symbols. (DOK 2)	TE-A: 43-45, 57-63, 63A, 68, 70, 73, 73A, 76A, 77-81, 82-84, 85-86, 87, 89-90, 93, 93A, 93C, 196-197, 200-202, 209-212, 217 TE-B: 84, 86-93, 93A, 94-98, 100, 103-109, 111-113, 115, 117, 119, 123-126, 205, 209-212, 216-217, 219, 222-227, 230-232
d.	Count by different units when given a group of objects using 1's, 2's, 5's, and 10's. (DOK 1)	TE-A: 20-25A TE-B: 242-244, 246A-246B Counting by 10's is addressed in Grade 2: TE-A: 174-175, 178A, 187, 188A, 188C

Standard	Descriptor	Page Citations
Standard 3	Geometry	
Competencies and Objectives		
3. Identify and classify properties of two- and three-dimensional shapes.		
a.	Identify and classify two-dimensional figures (triangle, square, rectangle, circle, trapezoid, hexagon, and rhombus). (DOK 1)	TE-A: 96-105, 105A, 106
b.	Identify and classify three-dimensional figures (cube, rectangular prism, and sphere) according to their characteristics. (DOK 1)	TE-A: 110-115, 115A
c.	Explain the part-whole relationships resulting from the composition or decomposition of plane and solid figures. (DOK 2)	TE-A: 108-109, 116-120, 120A
Standard 4	Measurement	
Competencies and Objectives		
4. Identify and apply measurable attributes.		
a.	Use nonstandard units (paper clips, unifix cubes, etc.) and standard units (inches, centimeters) to measure length. (DOK 1)	TE-A: 234-247, 247A, 249
b.	Compare weight of objects using a balance scale with and without nonstandard units. (DOK 1)	TE-B: 1, 6-12B, 13-17A, 18-22A, 23, 23A, 24-26A
c.	Compare and estimate capacity of various containers in nonstandard units. (DOK 2)	Capacity is addressed in Grade 2: TE-A: 266-272, 272A
d.	Tell time to the hour and half-hour intervals using both digital and analog clocks. (DOK 1)	TE-B: 162-165B, 166-169A, 170-170A

Standard	Descriptor	Page Citations
Standard 5	Data Analysis and Probability	
Competencies and Objectives		
5. Collect, organize, and interpret data in graphical form.		
a.	Gather data, construct, and interpret simple bar graphs and pictographs. (DOK 2)	TE-B: 27-29, 30-35A, 36-41B, 44-45, 47-48A, 49A, 50-51
b.	Analyze and interpret data by using mathematical language such as more than, less than, etc. (DOK 1)	TE-B: 31-35A, 37-41B, 47-48A, 49A