

*Great Source Education*

# **Math In Focus**

**Grade 2**

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correlated to

**Mississippi Mathematics Framework  
Grade 2**

## **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*

**Great Source Education**  
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correlated to the

**Mississippi Mathematics Framework (2007)**  
**Grade 2**

Standard	Descriptor	Page Citations
<b>Standard 1</b>	<b>Number and Operations</b>	
<b>Competencies and Objectives</b>		
<b>1. Understand and represent relationships among numbers and operations (addition, subtraction, and multiplication). Compute fluently using effective strategies or rote memory.</b>		
a.	Recall addition and subtraction facts. (DOK 1)	<b>TE-A:</b> 35, 37, 57
b.	Justify addition and subtraction of two- and three-digit whole numbers with and without regrouping. (DOK 2)	<b>TE-A:</b> 38-40, 61-63, 67-68, 72-74, 78-80, 84-85, 96-99, 101-102, 102A, 103-104, 107-108, 108A, 109-110, 111-114, 114A, 115-117, 121, 121A, 121B, 121C, 122-123, 123A, 123C, 123D, 216-220, 253, 256-258, 258A, 261A, 261B, 278-281, 281A, 283, 283D  <b>TE-B:</b> 6-15, 15A, 16, 17-19, 19A, 28-29, 62, 66-68, 72, 77, 79, 83-86, 88-90, 92, 93, 96, 99, 122-125, 127A, 133-134, 137-139, 143-145, 147-149
c.	Compose and decompose three-digit numbers with representations in words and physical models. (DOK 2)	<b>TE-A:</b> 6-10A, 11-17, 17A
d.	Round up to three-digit whole numbers to the nearest hundreds. (DOK 1)	Rounding is addressed in Grade 3: <b>TE-A:</b> 53-63, 63A, 65-68, 68A, 69, 71
e.	Compare and order three-digit numbers using the symbols $<$ , $>$ , and $=$ , and justify reasoning. (DOK 1)	<b>TE-A:</b> 18-23, 23A, 24-26, 30, 31A, 33, 33A, 54B, 123C
f.	Determine and compare the value of money up to \$5.00 using the appropriate symbols for dollars and cents. (DOK 1)	<b>TE-B:</b> 43-45, 46-61, 61A-61C, 62-65, 65A, 66-70, 70A, 71-72, 72A

Standard	Descriptor	Page Citations
<b>Standard 2</b>	<b>Algebra</b>	
<b>Competencies and Objectives</b>		
<b>2. Analyze patterns, numbers, relationships, and functions.</b>		
a.	Explain, analyze, and extend repeating and growing patterns. (DOK 2)	<b>TE-A:</b> 26, 29-30, 31A, 32, 32A, 33A, 88-89, 123C, 123D, 155, 162-163, 167A, 173, 178A, 186, 188C  <b>TE-B:</b> 159, 292-302, 302A, 305
b.	Use number patterns to skip count by 2's, 3's, 5's, and 10's. (DOK 1)	<b>TE-A:</b> 153-155, 162-167, 167A, 174-175, 178A, 186-187, 188A, 188C  <b>TE-B:</b> 166-169, 169A, 175-176, 178, 191, 193
c.	Model situations and solve equations that involve the addition and subtraction of whole numbers. (DOK 2)	<b>TE-A:</b> 38-41, 41A, 41B, 42-43, 45, 45A, 46-48, 48A, 49-51, 53-54, 54A, 54B, 55, 55A, 61-64, 68-69, 74-75, 80-81, 85, 90-91, 96-99, 101-102, 102A, 103-104, 106-108, 108A, 109-114, 114A, 115-121, 121A, 121B, 121C, 122-123, 123C, 123D, 127-130, 132, 133A, 142-146, 188C, 216-220, 220A, 222-223, 223B, 235-236, 239, 245-246, 249, 253-258, 258A, 261, 261A, 261B, 278-281, 281A, 283  <b>TE-B:</b> 6-15, 15A, 16, 17-19, 19A, 28-29, 62, 66-68, 72, 77, 79, 83-86, 88-90, 92, 93, 96, 99, 122-125, 127A, 133-134, 137-139, 143-145, 147-149, 167, 174A, 176, 183A, 189A, 190A, 193, 198, 200A-200B, 202, 205-205A, 207-208, 210-212, 214-215, 216A-216B, 217A, 219A, 231A, 239, 242B, 247C
d.	Analyze and generalize the inverse relationships between addition and subtraction. (DOK 2)	<b>TE-A:</b> 35, 37, 57, 59, 61-66, 66A, 68-71, 74-75, 77A, 80-81, 83A, 85, 87, 88, 90-91, 91A, 98

Standard	Descriptor	Page Citations
<b>Standard 3</b>	<b>Geometry</b>	
<b>Competencies and Objectives</b>		
<b>3. Describe, classify, and sort geometric figures according to their properties.</b>		
a.	3. Describe, classify, and sort geometric figures according to their properties.	<b>TE-B:</b> 249-252, 258-264, 264A, 271-271, 274, 276-277, 279-281, 285, 286, 295
b.	Describe the effects of composition and decomposition of polygons when smaller shapes are substituted for a larger shape or a larger shape is substituted for smaller ones. (DOK 2)	<b>TE-B:</b> 272, 274-281, 284-286, 286A, 286B
c.	Identify and classify three-dimensional figures (cone, pyramid, and cylinder) according to their characteristics. (DOK 1)	<b>TE-B:</b> 287-291
<b>Standard 4</b>	<b>Measurement</b>	
<b>Competencies and Objectives</b>		
<b>4. Estimate, identify, and apply measurable attributes.</b>		
a.	Select appropriate tools and units, estimate, and measure length (to the nearest inch, foot, yard, centimeter, and meter), capacity (to the nearest ounce, cup, pint, quart, gallon, and liter), and weight (to the nearest ounce, pound, gram, and kilogram). (DOK 2)	<b>TE-A:</b> 189-195, 195A, 201-210, 210A, 228-234, 234A, 240-224, 244A, 266-272, 272A, 273-277, 277A  <b>TE-B:</b> 103-106, 106A, 111-117, 117A
b.	Read and write time to the hour, half-hour, quarter-hour, and five-minute intervals using digital and analog clocks. (DOK 1)	<b>TE-B:</b> 131-132, 133-136, 136A, 137-141, 141A142-149, 149A, 158

Standard	Descriptor	Page Citations
<b>Standard 5</b>	<b>Data Analysis and Probability</b>	
<b>Competencies and Objectives</b>		
<b>5. Organize and interpret data in graphical form.</b>		
a.	Tally, record, interpret, and predict outcomes based on given information. (DOK 3)	<b>TE-B:</b> 220-222, 224-231, 231A, 238-242, 242A, 243-244, 245
b.	Create line graphs, bar graphs, and pictographs using real data. (DOK 2)	<b>TE-B:</b> 220-222, 223, 232-237, 237A-237B, 246-247  Bar Graphs are addressed in Grade 3: <b>TE-B:</b> 83, 88-90, 90A, 90B, 105A, 109, 218B, 218D  Line graphs are addressed in Grade 4: <b>TE-A:</b> 140-145, 148-150, 150A, 158D