

Great Source Education

Math to Learn

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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 to Learn*** 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

SE *Student's Edition*

Great Source Education
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 correlated to

Mississippi Mathematics Framework (2007)
Grade 2

Standard	Descriptor	Page Citations
Number and Operations		
1. Understand and represent relationships among numbers and operations (addition, subtraction, and multiplication). Compute fluently using effective strategies or rote memory.		
a.	Recall addition and subtraction facts. (DOK 1)	SE: 59, 62-63, 65-69, 78-79, 82-83, 86-89 Resource Book: 53, 55-56, 67-68, 76
b.	Justify addition and subtraction of two- and three-digit whole numbers with and without regrouping. (DOK 2)	SE: 124-141, 142-157 Resource Book: 96-101, 105-112
c.	Compose and decompose three-digit numbers with representations in words and physical models. (DOK 2)	SE: 16-23 Resource Book: 22-23
d.	Round up to three-digit whole numbers to the nearest hundreds. (DOK 1)	SE: 41 Resource Book: 34
e.	Compare and order three-digit numbers using the symbols $<$, $>$, and $=$, and justify reasoning. (DOK 1)	SE: 30-31 Resource Book: 28
f.	Determine and compare the value of money up to \$5.00 using the appropriate symbols for dollars and cents. (DOK 1)	SE: 164-165, 178 Resource Book: 122-125, 127

Standard	Descriptor	Page Citations
Algebra		
2. Analyze patterns, numbers, relationships and functions.		
a.	Explain, analyze, and extend repeating and growing patterns. (DOK 2)	SE: 254-255, 276-277 Resource Book: 194-196, 214
b.	Use number patterns to skip count by 2's, 3's, 5's, and 10's. (DOK 1)	SE: 97, 166 Resource Book: 82, 122
c.	Model situations and solve equations that involve the addition and subtraction of whole numbers. (DOK 2)	SE: 258-261 Resource Book: 200-202
d.	Analyze and generalize the inverse relationships between addition and subtraction. (DOK 2)	SE: 82-86, 88-89 Resource Book: 72-75
Geometry		
3. Describe, classify, and sort geometric figures according to their properties.		
a.	Recognize and identify polygons (rhombus, square, triangle, trapezoid, rectangle, pentagon, hexagon, octagon, and decagon) according to the number of sides. (DOK 1)	SE: 197 Resource Book: 143
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)	<i>Opportunity to Address:</i> Resource Book: 90-91
c.	Identify and classify three-dimensional figures (cone, pyramid, and cylinder) according to their characteristics. (DOK 1)	SE: 204-205 Resource Book: 148-149

Standard	Descriptor	Page Citations
Measurement		
4. Estimate, identify, and apply measurable attributes.		
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)	SE: 210-213, 218-221, 222-225 Resource Book: 155-156, 165-166, 169-170
b.	Read and write time to the hour, half-hour, quarter-hour, and five-minute intervals using digital and analog clocks. (DOK 1)	SE: 182-185 Resource Book: 132-135
Data Analysis & Probability		
5. Organize and interpret data in graphical form		
a.	Tally, record, interpret, and predict outcomes based on given information. (DOK 3)	SE: 234, 250-251 Resource Book: 182, 192-193
b.	Create line graphs, bar graphs, and pictographs using real data. (DOK 2)	SE: 238-241 Resource Book: 183, 192-193