

Great Source Education

Math to Learn

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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 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 1

Standard	Descriptor	Page Citations
Number and Operations		
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)	SE: 2-8 Resource Book: 8-13
b.	Compose and decompose two-digit numbers with representations in words and physical models. (DOK 2)	SE: 6-7, 10-11, 14 Resource Book: 11-13, 19-20
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)	SE: 28-29, 32-33 Resource Book: 27-30
d.	Use multiple representations for addition (combining of sets) and subtraction (take-away, missing addend, comparison) to solve problems. (DOK 1)	SE: 54-57, 72-75, 80-81, 84-85 Resource Book: 46-52, 60-64, 66
e.	Find the sums of 3 single-digit addends (for example: $3 + 6 + 2 = 11$). (DOK 1)	SE: 70-71 Resource Book: 54, 58

Standard	Descriptor	Page Citations
f.	Justify addition and subtraction of two-digit whole numbers without regrouping. (DOK 2)	SE: 124-125, 142-143 Resource Book: 96, 98, 105
g.	Find equal money amounts with different coin combinations up to \$0.25. (DOK 1)	SE: 178
h.	Identify the value of coins (penny, nickel, dime, quarter). (DOK 1)	SE: 164 Resource Book: 122-125
i.	Determine the value of like coins up to \$1.00. (DOK 1)	SE: 166, 168 Resource Book: 122, 124
j.	Find the value of mixed coins up to \$1.00. (DOK 1)	SE: 167, 169, 170-171 Resource Book: 123-125

Standard	Descriptor	Page Citations
Algebra		
2. Recognize, extend and create patterns		
a.	Use a pattern rule to translate and recognize patterns from one pattern representation to another. (DOK 2)	SE: 254-255, 276-277 Resource Book: 194-195, 214
b.	Formulate, explain, and generalize patterns within and across addition and subtraction. (DOK 2)	SE: 66-67 Resource Book: 53, 55-56, 67-68
c.	Model situations and solve equations that require addition and subtraction of whole numbers; use objects, pictures, and symbols. (DOK 2)	SE: 258-261 Resource Book: 200-202
d.	Count by different units when given a group of objects using 1's, 2's, 5's, and 10's. (DOK 1)	SE: 97, 166, 255 Resource Book: 122-124, 195-196
Geometry		
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)	SE: 196-197 Resource Book: 143
b.	Identify and classify three-dimensional figures (cube, rectangular prism, and sphere) according to their characteristics. (DOK 1)	SE: 204-205 Resource Book: 148
c.	Explain the part-whole relationships resulting from the composition or decomposition of plane and solid figures. (DOK 2)	SE: 43-47 Resource Book: 37-39

Standard	Descriptor	Page Citations
Measurement		
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)	SE: 209-210 Resource Book: 154
b.	Compare weight of objects using a balance scale with and without nonstandard units. (DOK 1)	SE: 218-219 Resource Book: 165-166
c.	Compare and estimate capacity of various containers in nonstandard units. (DOK 2)	SE: 222-225 Resource Book: 169-170
d.	Tell time to the hour and half-hour intervals using both digital and analog clocks. (DOK 1)	SE: 182-183 Resource Book: 132-134
Data Analysis & Probability		
5. Collect, organize and interpret data in graphical form		
a.	Gather data, construct, and interpret simple bar graphs and pictographs. (DOK 2)	SE: 238-239, 240-241 Resource Book: 183-184
b.	Analyze and interpret data by using mathematical language such as more than, less than, etc. (DOK 1)	SE: 236-239, 244-249 Resource Book: 189