

Every Day Counts[®] Calendar Math © 2005

**correlated to
Georgia's Mathematics Performance Standards**

Kindergarten – Grade 5



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FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01100 Mathematics / Kindergarten

Textbook Title: Every Day Counts: Calendar Math

Publisher: Great Source Education Group

The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
MKN	Students will correctly represent the number and order of objects using numbers and understand the representations.	
MKN1	Students will connect numerals to the quantities they represent.	TE pgs. 18, 21, 24, 27, 32, 34, 37, 39, 41, 48, 50, 54, 60, 62, 64, 66, 67, 75, 77, 79, 80, 87, 89, 90, 92, 94, 103, 105, 106, 108, 118, 120, 121, 122, 124, 130, 131, 132, 133 Beyond the Board pg. 75, 130
MKN2	Students will use representations to model addition and subtraction.	TE pgs. 34, 37, 48, 62, 64, 66, 67, 75, 77, 90, 92, 103, 105, 120, 130, 131
MKM	Students will explore quantitative situations involving distance, length, capacity, weight, time and temperature.	
MKM1	Students will group objects according to common properties such as color, shape, texture or number.	TE pgs. 56, 70, 82, 98, 112, 124
MKM2	Students will understand the measurement of calendar time.	TE pgs. 27, 32, 46, 54, 74, 87, 128

MKM3	Students will tell time as it relates to a daily schedule.	Beyond the Board pgs. 32
MKG	Students will recognize and name basic geometric shapes and spatial relationships.	
MKG1	Students will correctly name simple two and three-dimensional figures and recognize them in the environment.	TE pgs. 18, 27, 46, 60, 74, 102, 106, 116, 133 Beyond the Board, pgs. 60,
MKG2	Students will understand basic positional relationships.	TE pgs. 52, 60, 66, 105
MKG3	Students will identify, create, extend, and transfer patterns from one representation to another using actions, objects, and geometric shapes.	TE pgs. 21, 32, 37, 46, 60, 87, 102, 106, 116, 128, 132
MKD	Data Analysis and Probability Students will pose questions and gather data about themselves and their surroundings.	
MKD1	Students will pose questions, collect data, organize, and record results using objects, pictures, and picture graphs.	TE pgs. 27, 41, 54, 67, 80, 94, 108, 122, 133
MKP	Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely follow a sequence of procedures. The students will use the process standards as a way of acquiring and using content knowledge.	
MKP1	Students will solve problems that arise in mathematics and in other contexts.	TE pgs. 90, 118

MKP2	Students will investigate, develop, and evaluate mathematical arguments.	TE pgs. 46, 54, 56, 67, 70, 77, 82, 89, 108, 112, 122, 128, 133
MKP3	Students will use the language of mathematics to express ideas precisely.	TE pgs. 18, 21, 56, 67, 70, 82, 98
MKP4	Students will understand how mathematical ideas interconnect and build on one another and will apply mathematics in other content areas.	TE pgs. 67
MKP5	Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.	TE pgs. 34, 39

FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01200 Mathematics / Grade 1

Textbook Title: Every Day Counts: Calendar Math

Publisher: Great Source Education Group

The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
M1N	<u>Numbers and Operations</u> Students will understand how to represent numbers, and will be able to add and subtract small numbers.	
M1N1	Students will estimate, model, compare, order, and represent whole numbers up to 100.	TE pgs. 18, 24, 34, 36, 40, 44, 50, 52, 55, 57, 64, 68, 69, 77, 80, 83, 87, 89, 92, 95, 107, 108, 111, 121, 122, 123, 131, 133
M1N2	Understand place value notation for the numbers between 1 and 100. (Discussions may allude to 3-digit numbers to assist in understanding place value.)	TE pgs. 40, 52, 55, 66, 77, 79, 91, 92, 117, 121, 130
M1N3	Students will add and subtract numbers less than 100 as well as understand and use the inverse relationship between addition and subtraction.	TE pgs. 21, 24, 28, 36, 40, 43, 50, 55, 59, 62, 64, 66, 68, 75, 79, 89, 91, 92, 104, 107, 117, 121, 130, 131
M1N4	Students will count collections of up to 100 objects by dividing them into equal parts and represent the results using words, pictures, or diagrams.	TE pgs. 52, 55, 77, 87, 98, 117

M1M	Measurement Students will measure basic quantitative attributes of concrete objects.	
M1M1	Students will compare and/or order the length, weight, or capacity of two or more objects by using direct comparison or a nonstandard unit.	TE pgs. 38, 54, 105, 119
M1M2	Students will develop an understanding of the measurement of time.	TE pgs. 28, 30, 34, 43, 48, 57, 70, 74, 81, 97, 110
M1G	Geometry Students will understand the concepts of basic geometric shapes and spatial relationships of concrete objects.	
M1G1	Students will study and create various two and three-dimensional figures and identify basic figures (squares, circles, triangles, and rectangles) within them.	TE pgs. 18, 34, 62, 116, 134
M1G2	Students will compare, contrast, and/or classify geometric shapes by the common attributes of position, shape, size, number of sides, and number of corners.	TE pgs. 18, 48, 116, 128, 134
M1G3	Students will arrange and describe objects in space by proximity, position, and direction (near, far, below, above, up, down, behind, in front of, next to, and left or right of).	TE pgs. 40, 128
M1D	Data Analysis and Probability Students will pose questions, collect, organize, and interpret data about themselves and their surroundings.	
M1D1	Students will create simple tables and graphs, and interpret them.	TE pgs. 44, 83, 111, 123

M1P	Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely follow a sequence of procedures. The students will use the process standards as a way of acquiring and using content knowledge.	
M1P1	Students will solve problems that arise in mathematics and in other contexts.	TE pgs. 57, 64, 133
M1P2	Students will investigate, develop, and evaluate mathematical arguments.	TE pgs. 30, 48, 62, 68, 74, 79, 81, 87, 102, 105, 111, 116, 128
M1P3	Students will use the language of mathematics to express ideas precisely.	TE pgs. 21, 36, 50, 55, 62, 66, 68, 74, 98, 105, 117
M1P4	Students will understand how mathematical ideas interconnect and build on one another and will apply mathematics in other content areas.	TE pgs. 134
M1P5	Students will create and use pictures, manipulatives, models, and symbols to To organize, record, and communicate mathematical ideas.	TE pgs. 18, 36, 64, 74, 87, 98, 102, 107, 122, 131, 133

FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01300 Mathematics / Grade 2

Textbook Title: Every Day Counts: Calendar Math

Publisher: Great Source Education Group

The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
M2N	<u>Numbers and Operations</u> Students will further develop their understanding of numbers-including fractions-and how to represent them. The students will understand and apply addition, subtraction, and multiplication through concrete manipulation and will perform basic calculations.	
M2N1	Students will understand the place value representation of whole numbers through four digits.	TE pgs. 23, 25, 53, 55, 64, 66, 68, 75, 81, 89, 96, 109, 110, 121, 122, 127, 128
M2N2	Students will build fluency with multi-digit addition and subtraction.	TE pgs. 20, 34, 48, 53, 63, 64, 66, 74, 75, 80, 88, 89, 95, 109, 121, 122, 127
M2N3	Students will understand multiplication, multiply numbers, and verify results.	TE pgs. 103, 117
M2N4	Students will understand and compare common fractions with small denominators.	TE pgs. 105

M2N5	Students will represent and interpret quantities and relationships using mathematical expressions including equality and inequality signs (=, <, >)	TE pgs. 80, 87, 119, 127
M2M	Students will understand length, time, and temperature and choose an appropriate tool to measure them.	
M2M1	Students will know the standard units of inch, foot, yard, and metric units of centimeter and meter and will measure length to the nearest inch or centimeters.	TE pgs. 50, 92
M2M2	Students will tell time to the nearest five minutes and know relationships of time such as the number of minutes in an hour and hours in a day.	TE pgs. 39, 57, 69, 83, 91, 105
M2M3	Students will estimate, then measure, temperature (Fahrenheit) and determine if estimations were reasonable.	TE pgs. 78
M2G	<u>Geometry</u> Students will understand basic and compound geometric shapes together with the elements from which they are composed.	
M2G1	Students will describe and classify plane figures (triangles, squares, rectangles, trapezoids, quadrilaterals, pentagons, hexagons, and irregular polygonal shapes) according to the number of edges and vertices and the sizes of angles (right angle, obtuse, acute).	TE pgs. 18, 32, 62, 72, 116

M2G2	Students will describe and classify solid geometric figures (prisms, cylinders, cones, and spheres) according to such things as the number of edges and vertices and the number and shape of faces and angles.	TE pgs. 18, 46, 102, 130
M2G3	Students will describe the change in attributes as two and three-dimensional shapes are cut and arranged.	TE pgs. 62
M2D	<u>Data Analysis and Probability</u> Students will pose questions, and collect, organize, and interpret data about themselves and their surroundings.	
M2D1	Students will create simple tables and graphs and interpret their meaning.	TE pgs. 27, 41, 58, 98
M2P	Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The students will use the process standards as a way of acquiring and using content knowledge.	
M2P1	Students will solve problems that arise in mathematics and in other contexts.	TE pgs. 34, 64, 80, 88, 96, 117
M2P2	Students will investigate, develop, and evaluate mathematical arguments.	TE pgs. 32, 58, 72, 87, 98, 107, 111, 116, 119, 126, 130
M2P3	Students will use the language of mathematics to express ideas precisely.	TE pgs. 25, 37, 46, 55, 68, 78, 81, 96, 103, 110, 111, 119, 121, 128

M2P4	Students will understand how mathematical ideas interconnect and build on one another and will apply mathematics in other content areas.	TE pgs. 105
M2P5	Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.	TE pgs. 18, 23, 25, 32, 36, 37, 46, 53, 55, 62, 66, 68, 80, 87, 95, 96, 98, 102, 109, 110, 116, 117, 121, 126, 128, 130

FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01400 Mathematics/ Grade 3

Textbook Title: Every Day Counts: Calendar Math

Publisher: Great Source Education Group

The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
M3N	Students will use decimals and common fractions to represent parts of a whole. They will also understand the four arithmetic operations for whole numbers and use them in basic calculations and apply them in problem solving situations.	
M3N1	Students will further develop their understanding of whole numbers and ways to represent them.	TE pgs. 26, 39, 41, 55, 57, 70, 82, 95, 109, 118, 123, 132, 133
M3N2	Students will further develop their skills of addition and subtraction and apply them in problem solving.	TE pgs.20, 23, 26, 33, 39, 41, 42, 49, 55, 57, 58, 69, 70, 72, 82, 97, 109, 110, 123, 125, 132, 133, 134
M3N3	Students will further develop their understanding of multiplication of whole numbers and develop the ability to apply it in problem solving.	TE pgs. 18, 66, 76, 80, 83,88, 90, 93, 108, 110, 118, 121, 125, 132, 134
M3N4	Students will understand the meaning of division and develop the ability to apply it in	TE pgs. 80, 93, 103, 108, 121, 130, 134

M3N5	<p>problem solving.</p> <p>Students will understand the meaning of decimals and common fractions in simple cases and apply them to problem-solving situations.</p>	TE pgs. 88, 98, 130
M3M	<p>Students will understand and measure time and length. They will also model and calculate perimeter and area of simple figures.</p>	
M3M1	<p>Students will further develop their understanding of the concept of time by determining elapsed time of a full, half, and quarter hour.</p>	TE pgs. 37, 107
M3M2	<p>Students will measure length choosing appropriate units and tools.</p>	TE pgs. 35, 51 Beyond the Board, pgs. 51
M3M3	<p>Students will understand and measure the perimeter of simple geometric figures (squares and rectangles).</p>	TE pg. 78
M3M4	<p>Students will understand and measure the area of simple geometric figures (squares and rectangles).</p>	TE pg. 78
M3G	<p>Students will further develop their understanding of characteristics of previously studied geometric figures.</p>	
M3G1	<p>Students will further develop their understanding of geometric figures by drawing them. They will also state and explain their properties.</p>	TE pgs. 18, 32, 48, 64, 74, 102, 116, 128

M3A	Students will understand how to express relationships as mathematical expressions.	
M3A1	Students will use mathematical expressions to represent relationships between quantities and interpret given expressions.	TE pgs. 18, 32, 42, 58, 78, 102, 108, 133
M3D	Students will gather, organize, and display data and interpret graphs.	
M3D1	Students will create and interpret simple tables and graphs.	TE pgs. 28, 44, 84, 112, 135
M3P	Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The students will use the process standards as a way of acquiring and using content knowledge.	
M3P1	Students will solve problems that arise in mathematics and in other contexts	TE pgs. 33, 42, 48, 55, 58, 66, 69, 71, 72, 82, 97, 103, 109, 110, 123, 125
M3P2	Students will investigate, develop, and evaluate mathematical arguments.	TE pgs. 28, 35, 39, 44, 48, 55, 60, 64, 69, 98, 105, 108
M3P3	Students will use the language of mathematics to express ideas precisely.	TE pgs. 18, 23, 28, 35, 37, 39, 42, 44, 48, 51, 53, 55, 58, 60, 68, 69, 71, 72, 76, 80, 83, 84, 90, 91, 93, 95, 97, 98, 108, 116, 120, 121, 125, 128, 132, 134, 135
M3P4	Students will understand how mathematical ideas interconnect and build on one another and will apply mathematics in other content areas.	TE pg. 128

M3P5	Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.	TE pgs. 53, 60, 68, 88, 91, 105, 120
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FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01500 Mathematics / Grade 4

Textbook Title: Every Day Counts: Calendar Math

Publisher: Great Source Education Group

The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
M4N	<u>Numbers and Operations</u> Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to use it appropriately. Students will add and subtract decimals and common fractions with common denominators.	
M4N1	Students will further develop their understanding of how whole numbers are represented in the base-ten numeration system.	TE pgs. 21, 34, 50, 63, 79, 94, 108, 122, 136
M4N2	Students will understand and apply the concepts of rounding numbers.	TE pgs. 42, 63, 94, 108, 136
M4N3	Students will solve problems involving multiplication of 2-3 digit numbers by 1-2 digit numbers.	TE pg. 50

M4N4	Students will further develop their understanding of division of whole numbers and divide in problem-solving situations without calculators.	TE pgs. 23, 40, 97
M4N5	Students will further develop their understanding of the meaning of decimals and use them in computation.	TE pgs. 28, 42, 57, 72, 87, 99
M4N6	Students will further develop their understanding of the meaning of common fractions and use them in computations.	TE pgs. 36, 38, 52, 54, 66, 68, 83, 126
M4N7	Students will explain and use properties of the four arithmetic operations to solve and check problems.	TE pgs. 21, 23, 34, 36, 50, 56, 57, 63, 79, 94, 97, 113, 120, 122, 136
M4M	<u>Measurement</u> Students will measure weight in appropriate metric and standard units. They will also measure angles.	
M4M1	Students will understand the concept of weight and how to measure weight.	TE pgs. 81, 109
M4M2	Students will understand the concept of angle and how to measure angles.	TE pg. 92
M4G	Students will understand and construct plane and solid geometric figures. They will also graph points on a coordinate plane.	
M4G1	Students will understand and identify the characteristics of geometric figures through examination and construction.	TE pgs. 18, 32, 48, 62, 106, 124, 134
M4G2	Students will understand fundamental solid shapes.	TE pgs. 62, 76

M4G3	Students will use the coordinate system.	
M4A	Students will investigate and represent mathematical relationships between quantities using mathematical expressions in problem-solving.	
M4A1	Students will represent and interpret mathematical relationships in quantitative expressions.	TE pgs. 18, 40, 48, 56, 62, 76, 84, 92, 97, 106, 111, 120, 122, 128, 134, 136, 137
M4D	Students will gather, organize, and display data. They will also compare features of graphs.	
M4D1	Students will gather, organize, and display data according to the situation and will compare related features.	TE pgs. 28, 44, 88, 115, 139
M4P	Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The students will use the process standards as a way of acquiring and using content knowledge.	
M4P1	Students will solve problems that arise in mathematics and in other contexts.	TE pgs. 21, 23, 32, 34, 42, 43, 44, 50, 57, 72, 73, 87, 88, 99, 100, 101, 113, 122, 124, 130
M4P2	Students will investigate, develop, and evaluate mathematical arguments.	TE pgs. 23, 95
M4P3	Students will use the language of mathematics to express ideas precisely.	TE pgs. 18, 32, 36, 43, 48, 52, 54, 59, 63, 66, 68, 73, 79, 95, 115, 120, 130, 134, 137, 139

M4P4	Students will understand how mathematical ideas interconnect and build on one another and will apply mathematics in other content areas.	TE pgs. 28, 70, 84, 97, 111, 128
M4P5	Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.	TE pgs. 28, 59, 100, 124

FORMAT FOR CORRELATION TO THE GEORGIA PERFORMANCE STANDARDS

Subject Area: Mathematics

State-Funded Course: 27.01600 Mathematics / Grade 5

Textbook Title: Every Day Counts: Calendar Math

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The Georgia Performance Standards for grades K-8 Mathematics may be accessed on-line at: <http://www.georgiastandards.org/>.

<u>Standard</u> (Cite Number)	<u>Standard</u> (Cite specific standard)	<u>Where Taught</u> (If print component, cite page number; if non-print, cite appropriate location.)
M5N	Numbers and Operations: Students will further develop their understanding of the concept of whole numbers. Students will also understand the meanings of multiplication and division of decimals and use decimals and common fractions in computation as well as in problem-solving situations.	
M5N1	Students will further develop their understanding of whole numbers.	TE pgs. 18, 34, 41, 48, 54, 63, 66, 74, 76, 79, 82, 87, 90, 116, 130
M5N2	Students will further develop their understanding of decimals as part of the base-ten number system.	TE pgs. 25, 37, 56, 81, 98, 110, 121, 128
M5N3	Students will further develop their understanding of the meaning of multiplication and division with decimals and use them.	TE pgs. 39, 51
M5N4	Students will continue to develop their understanding of the meaning of common fractions and will compute with them.	TE pgs. 25, 28, 39, 44, 51, 56, 64, 70, 79, 81, 90, 92,94, 98, 104, 110, 111, 121, 133

M5N5	Students will understand the meaning of percentage.	TE pgs. 18, 56, 81
M5M	Measurement: Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.	
M5M1	Students will extend their understanding of area of fundamental geometric plane figures.	TE pgs. 82, 106
M5M3	Students will measure capacity with appropriately chosen units and tools.	TE pg. 118
M5M4	Students will understand and compute the volume of a simple geometric solid.	TE pg. 87
M5G	Geometry: Students will further develop their understanding of geometric figures.	
M5G1	Students will understand congruence of geometric figures and the correspondence of their vertices, sides, and angles.	TE pg. 18
M5G2	Students will understand the relationship of the circumference of a circle, its diameter, and pi.	
M5A	Algebra: Students will represent and investigate mathematical expressions algebraically by using variables.	
M5A1	Students will represent and interpret the relationships between quantities algebraically.	TE pgs. 18, 48

M5D	Data Analysis: Students will gather, organize, and display data and will interpret graphs.	
M5D1	Students will analyze graphs.	TE pgs. 28, 122
M5D2	Students will collect, organize, and display data using the most appropriate graph.	TE pg. 28
M5P	Process Skills: The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.	
M5P1	Students will solve problems.	TE pgs. 21, 28, 37, 39, 50, 57, 69, 70, 111, 112, 121, 122, 128, 132
M5P2	Students will reason and evaluate mathematical arguments.	TE pg. 102
M5P3	Students will communicate mathematically.	TE pgs. 18, 28, 34, 39, 44, 48, 51, 54, 57, 64, 66, 74, 76, 82, 87, 102, 104, 106, 110, 111, 116, 130, 132
M5P4	Students will make connections among mathematical ideas and to other disciplines.	TE pgs. 92, 94, 116, 118
M5P5	Students will represent mathematics in multiple ways.	TE pgs. 57, 128, 132



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