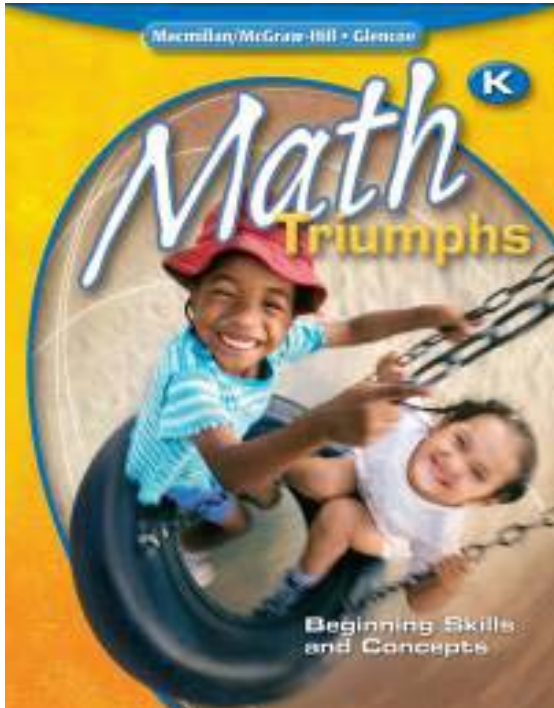


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Kindergarten Mathematics
Grade Level Content
Expectations



Math
Triumphs

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STANDARDS	PAGE REFERENCES
NUMBER AND OPERATIONS	
Count, write, and order numbers	
<p>N.ME.00.01 <i>Count objects in sets up to 30.*</i></p> <p>GK-FP1</p>	<p>Student Edition:</p> <p><i>Count Forward</i> 5</p> <p><i>Numbers 6 to 10</i> 12</p> <p><i>Test</i> 16</p> <p>Teacher Edition:</p> <p>A 5, 12; CEA 5; CRM A12-A13; IS 5A, 12A, 15; T 5A</p>

Codes used for Teacher Edition pages are the initial caps of headings on that page.

Correlation codes beginning with “GK” refer to the Focal Point. Full descriptions of the Focal Points are located in the front matter of all *Math Triumphs* © 2009 Teacher Editions.

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STANDARDS	PAGE REFERENCES
<p>N.ME.00.02 Use one-to-one correspondence to compare and order sets of objects to 30 using phrases such as “same number”, “more than”, or “less than”; use counting and matching.</p> <p>GK-FP1/GK-FP4C</p>	<p>Student Edition: <i>Equal Sets</i> 25 <i>Greater Than and Less Than</i> 26 <i>Progress Check</i> 29</p> <p>Teacher Edition: A 25, 26; CEA 25, 29; CRM A45-A50; ELS 25A, 26A; I 26A; IS 26; T 25A, 26A</p>
<p>N.ME.00.03 Compare and order numbers to 30 using phrases such as “more than” or “less than.”</p> <p>GK-FP1/GK-FP4C</p>	<p>Student Edition: <i>Growing Number Patterns</i> 27 <i>More Number Patterns</i> 28 <i>Progress Check</i> 29 <i>Review</i> 31 <i>Test</i> 32</p> <p>Teacher Edition: A 27, 28; AA 32; CEA 29; CRM A52-A56; IS 28A, 31; MCN 28; T 27A, 28A</p>
<p>N.ME.00.04 Read and write numbers to 30 and connect them to the quantities they represent.*</p> <p>GK-FP1</p>	<p>Student Edition: <i>Numbers 0 and 1</i> 9 <i>Numbers 2 and 3</i> 10 <i>Numbers 4 and 5</i> 11 <i>Numbers 6 to 10</i> 12 <i>Progress Check</i> 13 <i>Replay</i> 14</p> <p>Teacher Edition: A 9-12; AA 16; CEA 13; CRM A18-A28; IS 9A, 10A, 11A, 12A; T 9A, 10A, 11A, 12A</p>
<p>N.ME.00.05 Count orally to 100 by ones. Count to 30 by 2’s, 5’s and 10’s using grouped objects as needed.</p> <p>GK-FP1</p>	<p>Teacher Edition: IS 12A</p>

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STANDARDS	PAGE REFERENCES
Compose and decompose numbers	
<p>N.ME.00.06 Understand the numbers 1 to 30 as having one, or two, or three groups of ten and some ones. Also count by tens with objects in ten-groups to 100.</p> <p>GK-FP1</p>	<p>This standard falls outside the scope of <i>Math Triumphs K</i> © 2009.</p>
<p>N.MR.00.07 <i>Compose and decompose numbers from 2 to 10, e.g., $5 = 4 + 1 = 2 + 3$, with attention to the additive structure of number systems, e.g., 6 is one more than 5, 7 is one more than 6.*</i></p> <p>GK-FP1</p>	<p>Student Edition: <i>Progress Check</i> 39, 44 <i>Sums of 3 and 4</i> 36 <i>Sums of 5</i> 37 <i>Sums of 6</i> 38 <i>Sums of 7</i> 41 <i>Sums of 8</i> 42 <i>Sums of 9</i> 43</p> <p>Teacher Edition: A 36, 37, 38, 41, 42, 43; I 41A, 42A; IS 36A, 38A, 41, 41A, 42A, 43A; MCN 38; T 36A, 37A, 38A, 41A, 43A</p>
<p>N.MR.00.08 Describe and make drawings to represent situations/stories involving putting together and taking apart for totals up to 10; use finger and object counting.</p> <p>GK-FP1</p>	<p>Student Edition: <i>Progress Check</i> 39 <i>Sums of 7</i> 41 <i>Sums of 8</i> 42 <i>Sums of 9</i> 43 <i>Take Away form 3 and 4</i> 50 <i>Take Away from 5</i> 51 <i>Take Away from 6</i> 52 <i>Take Away from 9</i> 57</p> <p>Teacher Edition: A 36, 37, 38, 41, 43, 50, 51, 52, 57; IS 36A, 37A, 42A, 52A; T 37A, 50A, 52A, 56A, 57A</p>

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STANDARDS	PAGE REFERENCES
Add and subtract numbers	
<p>N.MR.00.09 Record mathematical thinking by writing simple addition and subtraction sentences, e.g., $7 + 2 = 9$, $10 - 8 = 2$.</p> <p>GK-FP1</p>	<p>Student Edition: <i>Sums of 6</i> 38 <i>Sums of 8</i> 42</p> <p>Teacher Edition: CRM A71, A72, A77, A78; IS 42A, 44A, 50A, 58A</p>
Explore number patterns	
<p>N.MR.00.10 Create, describe, and extend simple number patterns.</p> <p>GK-FP3</p>	<p>Student Edition: <i>Growing Number Patterns</i> 27 <i>More Number Patterns</i> 28</p> <p>Teacher Edition: A 28; IS 28A; T 27A, 28A</p>
MEASUREMENT	
Explore concepts of time	
<p>M.UN.00.01 Know and use the common words for the parts of the day (morning, afternoon, evening, night) and relative time (yesterday, today, tomorrow, last week, next year).</p> <p>GK-FP3</p>	<p>This standard falls outside the scope of <i>Math Triumphs K</i> © 2009.</p>
<p>M.TE.00.02 Identify tools that measure time (clocks measure hours and minutes; calendars measure days, weeks, and months).</p> <p>GK-FP3</p>	<p>This standard falls outside the scope of <i>Math Triumphs K</i> © 2009.</p>
<p>M.UN.00.03 Identify daily landmark times to the nearest hour (lunchtime is 12 o'clock; bedtime is 8 o'clock).</p> <p>GK-FP3</p>	<p>This standard falls outside the scope of <i>Math Triumphs K</i> © 2009.</p>

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STANDARDS	PAGE REFERENCES
Explore other measurement attributes	
<p>M.UN.00.04 Compare two or more objects by length, weight and capacity, e.g., which is shorter, longer, taller?</p> <p>GK-FP3</p>	<p>Student Edition: <i>Heavy or Light</i> 112 <i>Long or Short</i> 108 <i>More or Less</i> 107 <i>Tall or Short</i> 111</p> <p>Teacher Edition: A 107, 108, 111; CRM A191-A202; IS 107A, 112A; T 107A, 108A, 111A, 112A</p>
<p>M.PS.00.05 Compare length and weight of objects by comparing to reference objects, and use terms such as shorter, longer, taller, lighter, heavier.</p> <p>GK-FP3</p>	<p>Student Edition: <i>Heavy and Heavier</i> 122 <i>Less and Least</i> 127 <i>Light and Lighter</i> 125 <i>Long, Longer, Longest</i> 119 <i>More and Most</i> 126 <i>Short, Shorter, Shortest</i> 121 <i>Tall, Taller, Tallest</i> 120</p> <p>Teacher Edition: A 119-122, 126; CRM A210-A230; ELS 119; IS 119A, 128A; MCN 125; T 119A, 120A, 121A, 122A, 125A, 126A, 127A</p>
GEOMETRY	
Create, explore, and describe shapes	
<p>G.GS.00.01 Relate familiar three-dimensional objects inside and outside the classroom to their geometric name, e.g., ball/sphere, box/cube, soup can/cylinder, ice cream cone/cone, refrigerator/prism.</p> <p>GK-FP2</p>	<p>Student Edition: <i>Cubes</i> 84 <i>Cylinders</i> 80 <i>Progress Check</i> 81 <i>Rectangular Prisms</i> 83 <i>Spheres</i> 79</p> <p>Teacher Edition: A 79, 80, 83, 84; IS 79A, 83; T 79A, 80A, 83A, 84A</p>

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STANDARDS	PAGE REFERENCES
<p>G.GS.00.02 Identify, sort, and classify objects by attribute and identify objects that do not belong in a particular group.</p> <p>GK-FP2/GK-FP4C</p>	<p>Student Edition: <i>More than One Attribute</i> 133</p> <p>Teacher Edition: A 133; CRM A234-A236; ELS 133; IS 133A, 142A; T 133A</p>
<p>Explore geometric patterns</p>	
<p>G.GS.00.03 Create, describe, and extend simple geometric patterns.</p> <p>GK-FP6C</p>	<p>Student Edition: <i>Create Patterns</i> 141 <i>Identify and Extend Patterns</i> 140 <i>Progress Check</i> 137, 142 <i>Review</i> 143 <i>Test</i> 144</p> <p>Teacher Edition: A 134, 139, 141; AA 144; CRM A237, A240, A243, A246-A248, A250-A254; ELS 139A; IS 135A, 140A, 142A; T 134A, 139A, 140A, 141A; UM 136A</p>

* revised expectations in italics