



Grade 4 Mathematics Pacing Guide

King George County Schools

This pacing guide contains links to each of the grade 4 mathematics SOL's. There are links to additional math online resources located on page 5. The documents are all pdf files. Check the share drive at your school for more resources.

2011

Grade 4 Mathematics
First Quarter (suggested sequence: 37days)

<u>4.10</u>	<u>4.10</u>	<u>4.10</u>	<u>4.12</u>	<u>4.12</u>			
<u>4.12</u>	<u>4.11</u>	<u>4.11</u>	<u>4.1</u>	Common formative assessment <u>4.1</u>			
Spiraling: See Resource Materials in pacing guide <table border="1" style="margin: auto;"><tr><td style="padding: 2px;"><u>4.10</u></td><td style="padding: 2px;"><u>4.11</u></td><td style="padding: 2px;"><u>4.12</u></td></tr></table>	<u>4.10</u>	<u>4.11</u>	<u>4.12</u>	<u>4.1</u>	<u>4.1</u>	<u>4.1</u>	<u>4.3 a-c</u>
<u>4.10</u>	<u>4.11</u>	<u>4.12</u>					
<u>4.3 a-c</u>	<u>4.3 a-c</u>	<u>4.3 a-c</u>	Common formative assessment <u>4.3 a-c</u>	Spiraling: See Resource Materials in pacing guide <table border="1" style="margin: auto;"><tr><td style="padding: 2px;"><u>4.1</u></td><td style="padding: 2px;"><u>4.3a-c</u></td></tr></table>	<u>4.1</u>	<u>4.3a-c</u>	
<u>4.1</u>	<u>4.3a-c</u>						
<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)			
<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)	<u>4.4 a and b</u> (+, - ONLY)	Common formative assessment <u>4.5c</u>	Spiraling: See Resource Materials in pacing guide <table border="1" style="margin: auto;"><tr><td style="padding: 2px;"><u>4.4 a</u></td><td style="padding: 2px;"><u>4.4 b</u></td></tr></table>	<u>4.4 a</u>	<u>4.4 b</u>	
<u>4.4 a</u>	<u>4.4 b</u>						
<u>4.5c</u>	<u>4.5c</u>	<u>4.5c</u>	<u>4.9</u>	<u>4.9</u>			
<u>4.9</u>	<u>4.9</u>	<u>4.9</u>	<u>4.15</u>	<u>4.15</u>			
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing				

Grade 4 Mathematics
Second Quarter (suggested sequence: 37 days)

<u>4.14</u>	<u>4.14</u>	<u>4.14</u>	<u>4.14</u>	<u>4.14</u>
<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)	Common formative assessment <u>4.4 a and b</u> (multiplication)
Spiraling: See Resource Materials in pacing guide <u>4.14</u>	<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)	<u>4.4 a and b</u> (multiplication)
<u>4.5a</u>	<u>4.5a</u>	<u>4.5a</u>	Common formative assessment <u>4.5a</u>	Spiraling: See Resource Materials in pacing guide <u>4.4a</u> <u>4.4b</u>
<u>4.5a</u>	<u>4.4 a and c</u> (division)	<u>4.4 a and c</u> (division)	<u>4.4 a and c</u> (division)	<u>4.4 a and c</u> (division)
<u>4.4 a and c</u> (division)	<u>4.4 a and c</u> (division)	<u>4.4 a and c</u> (division)	Common formative assessment <u>4.4 a and c</u> (division)	Spiraling: See Resource Materials in pacing guide <u>4.5a</u> <u>4.4a</u> <u>4.4c</u>
<u>4.4 a and c</u> (division)	<u>4.4d</u>	<u>4.4d</u>	<u>4.4d</u>	<u>4.4d</u>
<u>4.4d</u>	<u>4.3</u>	<u>4.3</u>	<u>4.3</u>	<u>4.3</u>
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing	

Grade 4 Mathematics
Third Quarter (suggested sequence: 37 days)

<u>4.2</u>	<u>4.2</u>	<u>4.2</u>	<u>4.2</u>	<u>4.2</u>
<u>4.2</u>	<u>4.5b</u>	<u>4.5b</u>	<u>4.5b</u>	Common formative assessment <u>4.5b</u>
Spiraling: See Resource Materials in pacing guide <u>4.2</u>	<u>4.5b</u>	<u>4.5b</u>	<u>4.5b</u>	<u>4.5b</u>
<u>4.5b</u>	<u>4.5d</u>	<u>4.5d</u>	Common formative assessment <u>4.5d</u>	Spiraling: See Resource Materials in pacing guide <u>4.5b</u> <u>4.5d</u>
<u>4.6</u>	<u>4.6</u>	<u>4.6</u>	<u>4.6</u>	<u>4.7</u>
<u>4.7</u>	<u>4.7</u>	<u>4.7</u>	Common formative assessment <u>4.8</u>	Spiraling: See Resource Materials in pacing guide <u>4.6</u> <u>4.7</u>
<u>4.8</u>	<u>4.8</u>	<u>4.8</u>	<u>4.13</u>	<u>4.13</u>
<u>4.13</u>	<u>4.13</u>	<u>4.13</u>	<u>4.13</u>	<u>4.13</u>
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing	

Grade 4 Mathematics
Fourth Quarter (suggested sequence: 35 days)

<u>4.15</u>	<u>4.15</u>	<u>4.15</u>	<u>4.16</u>	<u>4.16</u>
<u>4.16</u>	<u>4.16</u>	<u>4.16</u>	<u>4.16</u>	Common formative assessment <u>4.16</u>
Spiraling: See Resource Materials in pacing guide <u>4.15</u> <u>4.16</u>	SOL Review	SOL Review	SOL Review	SOL Review
SOL Review	SOL Review	SOL Review	Common formative assessment	Spiraling: See Resource Materials in pacing guide Continue Review
SOL Review	SOL Review	SOL Review	SOL Review	SOL Review
SOL Review	SOL Review	SOL Review	Common formative assessment	Spiraling: See Resource Materials in pacing guide Continue Review
SOL Review	SOL Review	SOL Review	SOL Review	SOL Review
SOL Review	SOL Review	SOL Review	SOL Review	SOL Review
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing	

Additional Math Online Resources

[New York State Released Tests](#) (pdf format)

[VA DOE Training/Technical Assistance](#) (SOL related searches, King George is region 3)

[Making Connections to Content: Essential Vocabulary](#) (Dan Mulligan)

[Illuminations](#) (excellent lesson plans, interactive tools, NCTM standards)

[National Library of Virtual Manipulatives](#)

[Mathematics Activity Types](#) (technology integration with math, The College of William & Mary)

[Open Ended Assessment in Math](#)

[APEC Math Assessment Database](#)

[Math Dictionary for Kids](#)

[SOL Released Tests in Various Formats](#)

[Technology Tools for the 21st Century Classroom](#) (KGES portaportal, math tools)

<p><u>Quarter 1</u></p> <ul style="list-style-type: none"> • 4.10, 4.12, 4.11 (8 days) • 4.1, 4.3 a-c (10 days) • 4.4 a and b (add, subtract ONLY) (8 days) • 4.5 c (4 days) • 4.9 (elapsed time) (5 days) • 4.15 (geometric/numerical patterning) (2 days) 	<p><u>Quarter 2</u></p> <ul style="list-style-type: none"> • 4.14 line and bar (5 days) • 4.4 a and b (multiplication) (9 days) • 4.5 a (GCF, LCM) (5 days) • 4.4 a and c (division) (9days) • 4.4 d (multi-step add/subtract/multiply) (5 days) • 4.3 d (equivalent decimal/fractions) (INTRO to fractions) (4 days)
<p><u>Quarter 3</u></p> <ul style="list-style-type: none"> • 4.2 a, b, and c (FRACTIONS) (6 days) • 4.5 b (9 days) • 4.5 d (3 days) • 4.6 (4 days) • 4.7 (4days) • 4.8 (4 days) • 4.13 a and b (7 days) 	<p><u>Quarter 4</u></p> <ul style="list-style-type: none"> • 4.14 and 4.16 (10 days) • Review (10 days)