

# Grade 1 Mathematics Pacing Guide

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*King George County Schools*

This pacing guide contains links to each of the grade 1 mathematics SOL's. There are links to additional math online resources located on page 9. The documents are all pdf files. Check the share drive at your school for more resources.

*2011*

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**Grade 1 Mathematics**  
**First Quarter (suggested sequence: 44 days)**

<b><u>1.1a</u></b> Numbers to 19	<b><u>1.1a</u></b> Numbers to 19	<b><u>1.1a</u></b> Numbers to 19	<b><u>1.1a</u></b> Numbers to 19	<b><u>1.1a</u></b> Numbers to 19
<b><u>1.1a</u></b> Numbers to 19	<b><u>1.1a</u></b> Numbers to 19	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b>Common formative assessment</b>
<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/> <input type="checkbox"/>	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10
<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/> <input type="checkbox"/>
<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.5; 1.6; 1.18</u></b> addition/ subtraction to 10, story problems to 10	<b><u>1.16</u></b>	<b><u>1.16</u></b>	<b><u>1.16</u></b>

<a href="#"><u>1.16</u></a>	<a href="#"><u>1.9</u></a> length	<a href="#"><u>1.9</u></a> length	Common formative assessment	Spiraling: See Resource Materials in pacing guide				
<a href="#"><u>1.9</u></a> length	<a href="#"><u>1.9</u></a> length	<a href="#"><u>1.17</u></a>	<a href="#"><u>1.17</u></a>	<a href="#"><u>1.17</u></a>				
<a href="#"><u>1.17</u></a>	<a href="#"><u>1.17</u></a>	<a href="#"><u>1.17</u></a>	<a href="#"><u>1.17</u></a>	Adjustment to Pacing				
Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing						

- **1.1b Place Value**
- **1.2 Skip Counting to 100 and backward**
- **1.7 Money – Coin ID & Values**
- **1.11 Calendar Words**
- **1.14 and 1.15 Data Collection and Graphing**

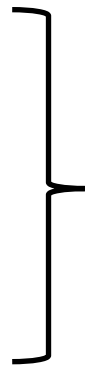
**These SOL's will be taught throughout the year during calendar time**

**Grade 1 Mathematics**  
**Second Quarter (suggested sequence: 45 days)**

<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.12, 1.13</u></a>
<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.12, 1.13</u></a>	<a href="#"><u>1.3</u></a>	<a href="#"><u>1.3</u></a>	<b>Common formative Assessment</b>
<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/> <input type="checkbox"/>	<a href="#"><u>1.3</u></a>	<a href="#"><u>1.3</u></a>	<a href="#"><u>1.3</u></a>	<a href="#"><u>1.3</u></a>
<a href="#"><u>1.3</u></a>	<a href="#"><u>1.3</u></a>	<a href="#"><u>1.8</u></a>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/> <input type="checkbox"/>
<a href="#"><u>1.8</u></a>	<a href="#"><u>1.8</u></a>	<a href="#"><u>1.8</u></a>	<a href="#"><u>1.8</u></a>	<a href="#"><u>1.8</u></a>
<a href="#"><u>1.8</u></a>	<a href="#"><u>1.11</u></a>	<a href="#"><u>1.11</u></a>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

<b><u>1.11</u></b>	<b><u>1.1a</u></b> Numbers to 50	<b><u>1.1a</u></b> Numbers to 50	<b><u>1.5, 1.6, 1.18</u></b> addition/subtraction facts to 12, story problems to 12	<b><u>1.5, 1.6, 1.18</u></b> addition/ subtraction facts to 12, story problems to 12
<b><u>1.9, 1.10</u></b> weight, mass, volume	<b><u>1.9, 1.10</u></b> weight, mass, volume	<b><u>1.9, 1.10</u></b> weight, mass, volume	<b><u>1.9, 1.10</u></b> weight, mass, volume	<b><u>1.9, 1.10</u></b> weight, mass, volume
<b>Adjustment to Pacing</b>	<b>Adjustment to Pacing</b>	<b>Adjustment to Pacing</b>	<b>Division Benchmark Testing</b>	

- **1.1b Place Value**
- **1.2 Skip Counting to 100 and backward**
- **1.7 Money – Coin ID & Values**
- **1.11 Calendar Words**
- **1.14 and 1.15 Data Collection and Graphing**



**These SOL's will be taught throughout the year during calendar time**

**Grade 1 Mathematics**  
**Third Quarter (suggested sequence: 44 days)**

<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.1a</a></u> Numbers to 100
<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.1a</a></u> Numbers to 100	<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<b>Common formative assessment</b>
<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>	<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>
<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>
<u><a href="#">1.2</a></u>	<u><a href="#">1.2</a></u>	<u><a href="#">1.1b</a></u>	<u><a href="#">1.1b</a></u>	<u><a href="#">1.1b</a></u>
<u><a href="#">1.1b</a></u>	<u><a href="#">1.1b</a></u>	<u><a href="#">1.1b</a></u>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>

<a href="#"><u>1.1b</u></a>	<a href="#"><u>1.1b</u></a>	<a href="#"><u>1.1b</u></a>	<a href="#"><u>1.1b</u></a>	<a href="#"><u>1.4</u></a>
<a href="#"><u>1.4</u></a>	<a href="#"><u>1.4</u></a>	<a href="#"><u>1.4</u></a>	Adjustment to Pacing	Adjustment to Pacing
Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing		

- **1.1b Place Value**
- **1.2 Skip Counting to 100 and backward**
- **1.7 Money – Coin ID & Values**
- **1.11 Calendar Words**
- **1.14 and 1.15 Data Collection and Graphing**



**These SOL's will be taught throughout the year during calendar time**

**Grade 1 Mathematics**  
**Fourth Quarter (suggested sequence: 41 days)**

<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>
<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<b>Common formative assessment</b>
<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>
<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<a href="#"><u>1.7</u></a>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>
<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>
<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>	<a href="#"><u>1.14, 1.15</u></a>	<b>Common formative assessment</b>	<b>Spiraling: See Resource Materials in pacing guide</b> <input type="checkbox"/>
<a href="#"><u>1.5, 1.6, 1.18</u></a> addition/ subtraction to 18, story problems to 18	<a href="#"><u>1.5, 1.6, 1.18</u></a> addition/ subtraction to 18, story problems to 18	<a href="#"><u>1.5, 1.6, 1.18</u></a> addition/ subtraction to 18, story problems to 18	<a href="#"><u>1.5, 1.6, 1.18</u></a> addition/ subtraction to 18, story problems to 18	<a href="#"><u>1.5, 1.6, 1.18</u></a> addition/ subtraction to 18, story problems to 18

<b>Adjustment to Pacing</b>	<b>Adjustment to Pacing</b>	<b>Adjustment to Pacing</b>	<b>Adjustment to Pacing</b>	<b>Division Benchmark Testing</b>
<b>Division Benchmark Testing</b>				

- **1.1b Place Value**
- **1.2 Skip Counting to 100 and backward**
- **1.7 Money – Coin ID & Values**
- **1.11 Calendar Words**
- **1.14 and 1.15 Data Collection and Graphing**



**These SOL's will be taught throughout the year during calendar time**

## **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 21<sup>st</sup> Century Classroom](#)** (KGES portaportal, math tools)

<p><b><u>Quarter 1</u></b></p> <ul style="list-style-type: none"> <li>• 1.1 a Numbers to 19</li> <li>• 1.5, 1.6 Addition/Subtraction Facts to 10 One step story and picture problems to 10</li> <li>• 1.18a,b,c Understanding the equality symbol Recognizing that <math>4 + 2 = 6</math> and <math>2 + 4 = 6</math> represent equal values (commutative property)</li> <li>• 1.16 Sort and classify concrete objects according to 1 or more attributes</li> <li>• 1.9 Measurement (length)</li> <li>• 1.17 Patterns</li> </ul>	<p><b><u>Quarter 2</u></b></p> <ul style="list-style-type: none"> <li>• 1.12, 1.13 Geometry</li> <li>• 1.3 Fractions</li> <li>• 1.8 Time to the half hour</li> <li>• 1.11 Calendar/Calendar Language</li> <li>• 1.1 a Numbers to 50</li> <li>• 1.5, 1.6 Addition/Subtraction Facts to 12 One step story and picture problems to 12</li> <li>• 1.18a,b,c Understanding the equality symbol Recognizing that <math>4 + 2 = 6</math> and <math>2 + 4 = 6</math> represent equal values (commutative property)</li> <li>• 1.9, 1.10 Measurement – (weight, mass, volume) Compare volume, weight, mass</li> </ul>
<p><b><u>Quarter 3</u></b></p> <ul style="list-style-type: none"> <li>• 1.1a Numbers to 100</li> <li>• 1.2 Counting by 1's, 2's, 5's, 10's Counting backwards by 1's from 30</li> <li>• 1.1b Place Value</li> <li>• 1.4 Estimation (select a reasonable order of magnitude from three quantities (1 digit, 2 digit, 3 digit))</li> </ul>	<p><b><u>Quarter 4</u></b></p> <ul style="list-style-type: none"> <li>• 1.7 Money – coin recognition/mixed group of coins to \$1.00</li> <li>• 1.14,1.15 Data Collection/Graphing Interpreting Data/Graphs</li> <li>• 1.5,1.6 Addition/Subtraction Facts to 18 Story Problems to 18</li> <li>• 1.18a,b,c Understanding the equality symbol Recognizing that <math>4 + 2 = 6</math> and <math>2 + 4 = 6</math> represent equal values (commutative property)</li> </ul>