



Grade 3 Mathematics Pacing Guide

King George County Schools

This pacing guide contains links to each of the grade 3 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

Grade 3 Mathematics
First Quarter (suggested sequence: 37 days)

<u>3.1a</u> Place Value	<u>3.1a</u> Place Value	<u>3.1a</u> Place Value	<u>3.1a</u> Place Value	<u>3.1a</u> Place Value
<u>3.1b</u> Place Value	<u>3.1b</u> Place Value	<u>3.1b</u> Place Value	<u>3.1b</u> Place Value	<u>3.1b</u> Common formative assessment
Spiraling: See Resource Materials in pacing guide <u>3.1c</u>	<u>3.1c</u> Place Value	<u>3.1c</u> Place Value	<u>3.1c</u> Place Value	<u>3.1c</u> Place Value
<u>3.4</u> Single-Step/Multistep Problems	<u>3.4</u> Single-Step/Multistep Problems	<u>3.4</u> Single-Step/Multistep Problems	<u>3.4</u> Common formative assessment	Spiraling: See Resource Materials in pacing guide <u>3.4</u>
<u>3.4</u> Single-Step/Multistep Problems	<u>3.4</u> Single-Step/Multistep Problems	<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Money
<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Common formative assessment	Spiraling: See Resource Materials in pacing guide <u>3.8</u>
<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Money	<u>3.8</u> Money
<u>3.17</u> Data Graphs Adjustment to Pacing	<u>3.17</u> Data Graphs Adjustment to Pacing	<u>3.17</u> Data Graphs Adjustment to Pacing	Division Benchmark Testing	

Grade 3 Mathematics
Second Quarter (suggested sequence: 37 days)

3.2 Inverse relationships between addition/subtraction & multiplication/division	3.2 Inverse relationships between addition/subtraction & multiplication/division	3.3 Fractions	3.3 Fractions	3.3 Fractions
3.3 Fractions	3.3 Fractions	3.3 Fractions	3.3 Fractions	3.3 Common formative assessment
Spiraling: See Resource Materials in pacing guide 3.3	3.3 Fractions	3.3 Fractions	3.3 Fractions	3.3 Fractions
3.3 Fractions	3.3 Fractions	3.5 Multiplication	3.5 Fractions Common formative assessment	Spiraling: See Resource Materials in pacing guide 3.5
3.5 Fractions	3.5 Fractions	3.5 Fractions	3.5 Fractions	3.5 Fractions
3.5 Fractions	3.5 Fractions	3.6 Solve problems with multiplication	3.6 Solve problems with multiplication Common formative assessment	Spiraling: See Resource Materials in pacing guide 3.6 Solve problems with multiplication
3.6 Solve problems with multiplication	3.7 Add/subtract fractions	3.7 Add/subtract fractions	Review	Review
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing	

Grade 3 Mathematics
Third Quarter (suggested sequence: 37 days)

3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement
3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d U.S. Customary/Metric Units of Measurement	3.9a-d Common formative assessment
Spiraling: See Resource Materials in pacing guide 3.9a-d	3.10 Area/Perimeter	3.10 Area/Perimeter	3.10 Area/Perimeter	3.11 Time/Elapsed Time
3.11 Time/Elapsed Time	3.11 Time/Elapsed Time	3.11 Time/Elapsed Time	3.11 Time/Elapsed Time Common formative assessment	Spiraling: See Resource Materials in pacing guide 3.11
3.11 Time/Elapsed Time	3.11 Time/Elapsed Time	3.12 Equivalent Periods of Time	3.12 Equivalent Periods of Time	3.12 Equivalent Periods of Time
3.13 Temperature	3.13 Temperature	3.13 Temperature	3.15 Points, line segments, rays, angles, lines	Spiraling: See Resource Materials in pacing guide 3.15
3.15 Points, line segments, rays, angles, lines	Review	Review	Review	Review
Adjustment to Pacing	Adjustment to Pacing	Adjustment to Pacing	Division Benchmark Testing	

Grade 3 Mathematics
Fourth Quarter (suggested sequence: 37 days)

3.14 Plane/Solid Figures	3.14 Plane/Solid Figures	3.14 Plane/Solid Figures	3.14 Plane/Solid Figures	3.14 Plane/Solid Figures
3.14 Plane/Solid Figures	3.14 Plane/Solid Figures	3.16 Congruent/Noncongruent Figures	3.16 Congruent/Noncongruent Figures	3.18 Probability Common formative assessment
3.18 Probability	3.18 Probability	3.19 Patterns	3.19 Patterns	3.19 Patterns
3.19 Patterns	3.19 Patterns	3.20 Commutative Property	3.20 Commutative Property	3.20 Commutative Property
3.20 Commutative Property	3.20 Commutative Property	Review	Review	Review
Review	Review	Review	Review	Review
Review	Review	Review	Review	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)