

# **Daily Pacing Guide**

**Integrating EOG Test Preparation**

**with**

***Mathematics: Applications and Concepts***  
**Course 1**

# Overview

The Daily Pacing Guide helps you easily integrate EOG test preparation into your daily lesson plans by providing assignments for each day of the 33 weeks of school leading up to the EOG test. Armed with the North Carolina Student Edition, Countdown to EOG, and the EOG Test Practice and Sample Test Workbook, you have many opportunities to prepare your students for the EOG test every day.

The Daily Test Pacing Guide shows you how to incorporate continuous daily practice into your lessons to help ensure your students' success in the EOG test. Here are some features of the Daily Pacing Guide.

## **For the Student Edition**

- Tells you which lessons to include in your daily lesson plans so that your students will have covered all of the 2003 North Carolina Standard Course of Study for their grade level before the test occurs in spring.
- Provides for EOG Practice at the end of each chapter in the 2-page Standardized Test Practice section.
- Includes several Catch-Up Days throughout the school year to help keep you and your students on track.

## **For the Countdown to EOG**

- Lists each of the 25 weeks of Countdown to EOG.
- Allows students to spend a few minutes each day practicing for the EOG test.

## **For the EOG Test Practice and Sample Test Workbook**

- Contains a Diagnostic Test covering the 1998 North Carolina Standard Course of Study and Recording Charts where you and your students can record mastery of the standards.
- Provides extensive practice for each standard, which may be assigned weekly for all students or may be assigned individually to those students who have not yet mastered a particular standard.
- Contains a Sample Test which students can complete just prior to the EOG test for additional practice.

Month	Week	Day	Student Edition Lesson	2003 NC Standard Course of Study	Countdown to EOG Week	1998 NC Standard Course of Study	NC EOG Test Practice and Sample Test Workbook*	Pages
August	1	Monday	1-1 A Plan for Problem Solving	1.04, 1.07			Diagnostic Test	1-16
		Tuesday	1-2 Divisibility Patterns	1.05				
		Wednesday	1-3 Prime Factors	1.05				
		Thursday	1-4 Powers and Exponents	1.05, 1.06				
		Friday	1-5 Order of Operations	5.01				
September	1	Monday	1-6 Algebra: Variables and Expressions	5.01, 5.02			Standard 1.01	17-18
		Tuesday	1-7a Problem-Solving Strategy: Guess and Check	1.04, 1.07				
		Wednesday	1-7 Algebra: Solving Equations	5.03				
		Thursday	1-8 Geometry: Area of Rectangles	2.01, 2.02, 5.02				
		Friday	Study Guide and Practice Test Standardized Test Practice					
September	2	Monday	Chapter Assessment				Standard 1.02	19-20
		Tuesday	2-1 Frequency Tables	4.01, 4.06				

\* One section of practice is assigned each week; however, you may choose to have students skip some assignments and work only on those standards which they have not yet mastered.

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		Wednesday	2-2a Problem-Solving Strategy: Use a Graph	1.04, 1.07, 4.06				
		Thursday	2-2 Bar Graphs and Line Graphs	4.06				
		Friday	2-3 Circle Graphs	4.06				
September	3	Monday	2-4 Making Predictions	4.06			Standard 1.03	21-22
		Tuesday	2-5 Stem-and-Leaf Plots	4.06				
		Wednesday	2-6 Mean	4.06				
		Thursday	2-7 Median, Mode, and Range	4.06				
		Friday	2-8 Analyzing Graphs	4.06				
September	4	Monday	Study Guide and Practice Test Standardized Test Practice				Standard 1.04	23-24
		Tuesday	Chapter Assessment					
		Wednesday	3-1a Modeling Decimals	1.06				
		Thursday	3-1 Representing Decimals	1.06				
		Friday	3-2 Comparing and Ordering Decimals	1.03, 1.06				
October	1	Monday	3-3 Rounding Decimals	1.06			Standard 1.05	25-26
		Tuesday	3-4 Estimating Sums and Differences	1.04				

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		Wednesday	3-5 Adding and Subtracting Decimals	1.04, 5.02				
		Thursday	3-5b Problem-Solving Strategy: Choose the Method of Computation	1.05, 1.07				
		Friday	Study Guide and Practice Test Standardized Test Practice					
October	2	Monday	Chapter Assessment				Standard 1.06	27-28
		Tuesday	4-1a Multiplying Decimals by Whole Numbers	1.04				
		Wednesday	4-1 Multiplying Decimals by Whole Numbers	1.04, 1.06, 5.02				
		Thursday	4-2a Multiplying Decimals	1.04				
		Friday	4-2 Multiplying Decimals	1.05, 5.02				
October	3	Monday	4-3 Dividing Decimals by whole Numbers	1.04	1	1.08, 1.14, 3.01, 3.06	Standard 1.07	29-30
		Tuesday	4-4a Dividing by Decimals	1.04	1	1.08		
		Wednesday	4-4 Dividing Decimals	1.04, 1.07	1	1.14, 3.01, 3.06		
		Thursday	4-4b Problem-Solving Strategy: Determine Reasonable Answers	1.04, 1.07	1	1.08		
		Friday	4-5 Perimeter	2.01, 2.02	1	1.12		

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October	4	Monday	4-6 Circumference	2.01, 2.02, 3.02, 5.02	2	3.04, 4.01, 4.05	Standard 1.08	31-32
		Tuesday	Study Guide and Practice Test Standardized Test Practice		2	2.09, 4.01		
		Wednesday	Chapter Assessment		2	4.01		
		Thursday	5-1 Greatest Common Factor	1.05	2	3.01, 3.06		
		Friday	5-2 Simplifying Fractions		2	3.04		
November	1	Monday	5-3 Mixed Numbers and Improper Fractions		3	4.04	Standard 1.09	33-34
		Tuesday	5-4a Problem-Solving Strategy: Make an Organized List	1.04, 1.07	3	4.04, 4.09		
		Wednesday	5-4 Least Common Multiple	1.05	3	1.01, 4.04, 4.09		
		Thursday	5-5 Comparing and Ordering Fractions	1.03, 1.06	3	4.01		
		Friday	5-6 Writing Decimals as Fractions	1.06	3	1.03		
November	2	Monday	5-7 Writing Fractions as Decimals	1.06	4	1.01, 1.14	Standard 1.10	35-36
		Tuesday	Study Guide and Practice Test Standardized Test Practice		4	1.03, 1.07		

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		Wednesday	Chapter Assessment		4	1.01, 1.14		
		Thursday	6-1a Rounding Fractions	1.06	4	1.14		
		Friday	6-1 Rounding Fractions and Mixed Numbers	1.06	4	1.07		
November	3	Monday	6-2 Estimating Sums and Differences	1.04	5	1.01, 1.04	Standard 1.11	37-38
		Tuesday	6-2b Problem-Solving Strategy: Act It Out	1.04, 1.07	5	1.05		
		Wednesday	6-3 Adding and Subtracting Fractions with Like Denominators	1.04	5	1.05		
		Thursday	6-4a Common Denominators	1.05	5	1.05, 2.09		
		Friday	6-4 Adding and Subtracting Fractions with Unlike Denominators	5.02	5	1.05		
November	4	Monday	6-5 Adding and Subtracting Mixed Numbers	1.04, 5.02			Standard 1.12	39-40
		Tuesday	6-6 Subtracting Mixed Numbers with Renaming	1.04				
		Wednesday	Catch-Up Day					
		Thursday	Thanksgiving					
		Friday	Thanksgiving					

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December	1	Monday	Study Guide and Practice Test Standardized Test Practice		6	2.06	Standard 1.13	41-42
		Tuesday	Chapter Assessment		6	2.06		
		Wednesday	7-1 Estimating Products	1.04, 1.07	6	1.05, 1.07, 2.12		
		Thursday	7-2a Multiplying Fractions	1.04	6	1.05, 2.12		
		Friday	7-2 Multiplying Fractions	1.04, 5.02	6	2.06		
December	2	Monday	7-3 Multiplying Mixed Numbers	1.04, 5.02	7	1.08	Standard 1.14	43-44
		Tuesday	7-4a Dividing Fractions	1.04	7	1.08, 1.09		
		Wednesday	7-4 Dividing Fractions	1.04, 5.02	7	1.08, 4.01		
		Thursday	7-5 Dividing Mixed Numbers	1.04, 5.02	7	1.08		
		Friday	7-6a Problem-Solving Strategy: Look for a Pattern	1.04, 1.07	7	1.09		
December	3	Monday	Study Guide and Practice Test Standardized Test Practice		8	1.03	Standard 2.01	45-46
		Tuesday	Chapter Assessment		8	1.03		
		Wednesday	Catch-Up Day		8	1.02		
		Thursday	Catch-Up Day		8	1.03		

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		Friday	Catch-Up Day		8	1.02, 4.01		
January	1	Monday	8-1 Integers	1.01	9	1.06	Standard 2.02	47-48
		Tuesday	8-2a Zero Pairs	1.01	9	1.06, 1.07		
		Wednesday	8-2 Adding Integers	1.01	9	1.06, 1.07, 4.01, 4.05		
		Thursday	8-3 Subtracting Integers	1.01	9	1.06		
		Friday	8-4 Multiplying Integers	1.01	9	1.07		
January	2	Monday	8-5a Problem-Solving Strategy: Work Backward	1.04, 1.07	10	1.06	Standard 2.03	49-50
		Tuesday	8-5 Dividing Integers	1.01	10	1.03, 1.06		
		Wednesday	8-6 The Coordinate Plane	1.01, 3.01	10	1.06, 4.01		
		Thursday	Study Guide and Practice Test Standardized Test Practice		10	1.06		
		Friday	Chapter Assessment		10	1.06		
January	3	Monday	9-1a The Distributive Property	5.01	11	1.05	Standard 2.04	51-52
		Tuesday	9-1 Properties	5.01	11	1.05, 1.07		
		Wednesday	9-2a Solving Addition Equations Using Models	5.03	11	1.05, 2.09		
		Thursday	9-2 Solving Addition Equations	5.03	11	1.05, 1.07		

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		Friday	9-3a Solving Subtraction Equations Using Models	5.03	11	1.05, 1.07		
January	4	Monday	9-3 Solving Subtraction Equations	5.03	12	1.05, 1.06, 3.01	Standard 2.05	53-54
		Tuesday	9-4 Solving Multiplication Equations	5.03	12	1.05, 3.01		
		Wednesday	9-4b Solving Inequalities Using Models	5.03	12	1.05		
		Thursday	9-5 Solving Two-Step Equations	5.03	12	1.05		
		Friday	9-5b Problem-Solving Strategy: Write an Equation	1.04, 1.07, 5.03	12	3.01		
February	1	Monday	9-6 Functions	5.04	13	1.10, 1.11	Standard 2.06	55-56
		Tuesday	9-7 Graphing Functions	5.04	13	1.11, 1.13		
		Wednesday	Study Guide and Practice Test Standardized Test Practice		13	1.10		
		Thursday	Chapter Assessment		13	1.10		
		Friday	Catch-Up Day		13	1.10		
February	2	Monday	10-1 Ratios		14	1.10	Standard 2.07	57-58
		Tuesday	10-2 Solving Proportions	5.04	14	1.10, 3.01		
		Wednesday	10-3 Scale Drawings and Models	5.04	14	1.10, 1.14, 2.05, 4.03		

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		Thursday	10-4 Modeling Percents	1.02	14	2.05, 4.03		
		Friday	10-5 Percents and Fractions	1.02	14	2.05, 4.03	Standard 2.08	59-60
February	3	Monday	10-6 Percents and Decimals	1.02	15	3.01, 3.04	Standard 2.09	61-62
		Tuesday	10-7a Percent of a Number	1.02	15	3.01, 3.04		
		Wednesday	10-7 Percent of a Number	1.02	15	3.04		
		Thursday	10-8a Problem-Solving Strategy: Solve a Simpler Problem	1.02, 1.04, 1.07	15	3.04		
		Friday	10-8 Estimating with Percents	1.02, 1.04, 1.07	15	3.02, 3.03, 3.04, 3.05	Standard 2.10	63-64
February	4	Monday	Study Guide and Practice Test Standardized Test Practice		16	3.03, 3.04	Standard 2.11	65-66
		Tuesday	Chapter Assessment		16	3.04		
		Wednesday	11-1a Simulations	4.01, 4.02, 4.03, 4.04, 4.06	16	2.13, 3.04		
		Thursday	11-1 Theoretical Probability	4.01, 4.02	16	3.05, 4.03		
		Friday	11-1b Experimental and Theoretical Probability	4.01, 4.02, 4.03, 4.04, 4.05	16	3.05, 4.03	Standard 2.12	67-68
March	1	Monday	11-2 Outcomes	4.01, 4.02	17	1.09	Standard 2.13	69-70

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		Tuesday	11-3 Making Predications	4.01, 4.02, 4.03	17	1.09		
		Wednesday	11-4 Probability and Area	4.01, 4.02, 4.03, 4.04	17	1.09		
		Thursday	11-5a Problem-Solving Strategy: Make a Table	1.04, 1.07, 4.01	17	1.01, 1.09		
		Friday	11-5 Probability of Independent Events	4.01, 4.02, 4.03, 4.05	17	1.09	Standard 3.01	71-72
March	2	Monday	Study Guide and Practice Test Standardized Test Practice		18	1.02, 1.09	Standard 3.02	73-74
		Tuesday	Chapter Assessment		18	1.09		
		Wednesday	12-1a Area and Perimeter	2.01, 2.02	18	1.07, 1.09		
		Thursday	12-1 Length in the Customary System	2.01	18	1.02		
		Friday	12-2 Capacity and Weight in the Customary System	2.01	18	1.09	Standard 3.03	75-76
March	3	Monday	12-3a The Metric System	2.01	19	4.07, 4.09	Standard 3.04	77-78
		Tuesday	12-3 Length in the Metric System	2.01	19	4.07		
		Wednesday	12-3b Significant Digits	2.01	19	4.07		
		Thursday	12-4 Mass and Capacity in the Metric System	2.01	19	4.07		

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		Friday	12-4b Problem-Solving Strategy: Use Benchmarks	1.04, 1.07	19	4.07	Standard 3.05	79-80
March	4	Monday	12-5 Changing Metric Units	2.01	20	2.13, 4.07	Standard 3.06	81-82
		Tuesday	12-6 Measures of Time	2.01	20	4.06, 4.07		
		Wednesday	Study Guide and Practice Test Standardized Test Practice		20	4.07		
		Thursday	Chapter Assessment		20	4.07		
		Friday	Catch-Up Day		20	4.07	Standard 4.01	83-84
April	1	Monday	13-1 Angles	2.01, 3.01	21	2.11	Standard 4.02	85-86
		Tuesday	13-2 Using Angle Measure	2.01	21	2.11, 2.12		
		Wednesday	13-3a Construct Congruent Segments and Angles	2.01	21	2.11, 2.12		
		Thursday	13-3 Bisectors	2.01	21	2.12		
		Friday	13-4a Problem-Solving Strategy: Draw a Diagram	1.04, 1.07	21	2.13, 3.01, 3.06	Standard 4.03	87-88
April	2	Monday	13-4 Two-Dimensional Figures		22	2.11, 2.12	Standard 4.04	89-90
		Tuesday	13-5 Lines of Symmetry		22	2.11		
		Wednesday	13-5b Transformations	3.03, 3.04	22	2.11		

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		Thursday	13-6 Similar and Congruent Figures		22	2.11, 2.13		
		Friday	Study Guide and Practice Test Standardized Test Practice		22	2.11	Standard 4.05	91-92
April	3	Monday	Chapter Assessment		23	2.02	Standard 4.06	93-94
		Tuesday	Catch-Up Day		23	2.01, 2.02		
		Wednesday	14-1 Area of Parallelograms	2.01, 2.02, 3.01, 5.02	23	2.01, 2.02		
		Thursday	14-2a Area of Triangles	2.01, 2.02	23	2.02		
		Friday	14-2 Area of Triangles	2.01, 2.02, 5.02	23	2.02	Standard 4.07	95-96
April	4	Monday	14-2b Area of Trapezoids	2.01, 2.02	24	2.04	Standard 4.08	97-98
		Tuesday	14-3 Area of Circles	2.01, 2.02, 5.02	24	2.04		
		Wednesday	14-3b Making Circle Graphs	1.02	24	2.04		
		Thursday	14-4 Three-Dimensional Figures		24	2.04		
		Friday	14-5a Problem-Solving Strategy: Make a Model	1.07	24	2.04	Standard 4.09	99-100
May	1	Monday	14-5 Volume of Rectangular Prisms	2.01, 5.02	25	2.09	Sample Test	101-116
		Tuesday	14-6 Surface Area of Rectangular Prisms	2.01, 2.02, 5.02	25	2.09, 2.10		

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		Wednesday	Study Guide and Practice Test Standardized Test Practice		25	2.04, 4.01		
		Thursday	Chapter Assessment		25	2.10		
		Friday	Catch-Up Day/Review		25	2.09		