

# **Daily Pacing Guide**

**Integrating EOG Test Preparation**

**with**

***Mathematics: Applications and Concepts***  
**Course 2**

# 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	1.02, 1.03			Diagnostic Test	1-16
		Tuesday	1-2 Powers and Exponents	1.03				
		Wednesday	1-3 Order of Operations	5.03				
		Thursday	1-4 Algebra: Variables and Expressions	5.03, 5.04				
		Friday	1-5a Problem-Solving Strategy: Guess and Check	1.03				
September	1	Monday	1-5 Algebra: Equations	1.03, 5.02, 5.03, 5.04			Standard 1.01	17-18
		Tuesday	1-6 Algebra: Properties					
		Wednesday	1-7 Sequences	5.01				
		Thursday	1-7b Exploring Sequences	5.01				
		Friday	1-8 Measurement: The Metric System					
September	2	Monday	1-9 Scientific Notation				Standard 1.02	19-20
		Tuesday	Study Guide and Practice Test Standardized Test Practice					

\* 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	Chapter Assessment					
		Thursday	2-1 Frequency Tables	4.01				
		Friday	2-2a Problem-Solving Strategy: Use a Graph	1.02, 1.03, 4.01				
September	3	Monday	2-2 Making Predictions	4.01, 4.04			Standard 1.03	21-22
		Tuesday	2-3 Line Plots	4.01, 4.02, 4.04, 4.05				
		Wednesday	2-4 Mean, Median, and Mode	4.01, 4.02, 4.03, 4.04				
		Thursday	2-4b Are You Average?	4.01, 4.02, 4.04				
		Friday	2-5 Stem-and-Leaf Plots	4.01, 4.02, 4.03				
September	4	Monday	2-6 Box-and-Whisker Plots	4.01, 4.02, 4.03, 4.04, 4.05			Standard 1.04	23-24
		Tuesday	2-7 Bar Graphs and Histograms	4.01, 4.05				
		Wednesday	2-8 Misleading Statistics	4.01, 4.02, 4.04				
		Thursday	Study Guide and Practice Test Standardized Test Practice					
		Friday	Chapter Assessment					
October	1	Monday	3-1 Integers and Absolute Value				Standard 1.05	25-26

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		Tuesday	3-2 Comparing and Ordering Integers					
		Wednesday	3-3 The Coordinate Plane					
		Thursday	3-4a Adding Integers					
		Friday	3-4 Adding Integers					
October	2	Monday	3-5a Subtracting Integers				Standard 1.06	27-28
		Tuesday	3-5 Subtracting Integers					
		Wednesday	3-6a Problem-Solving Strategy: Look for a Pattern	1.02, 1.03				
		Thursday	3-6 Multiplying Integers					
		Friday	3-7 Dividing Integers	5.03, 5.04				
October	3	Monday	Study Guide and Practice Test Standardized Test Practice		1	1.01, 1.04, 1.08	Standard 1.07	29-30
		Tuesday	Chapter Assessment		1	1.08, 4.02		
		Wednesday	Catch-Up Day		1	3.01		
		Thursday	4-1 Writing Expressions and Equations	5.02	1	3.02		
		Friday	4-2a Solving Equations Using Models		1	3.02		

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October	4	Monday	4-2 Solving Addition and Subtraction Equations	5.01	2	3.01, 3.02	Standard 1.08	31-32
		Tuesday	4-3 Solving Multiplication Equations	5.02, 5.03	2	1.08		
		Wednesday	4-4a Problem-Solving Strategy: Work Backward	1.02, 1.03	2	1.04		
		Thursday	4-4 Solving Two-Step Equations	5.02, 5.03, 5.04	2	1.04, 1.08		
		Friday	4-5 Inequalities	5.03, 5.04	2	1.01		
November	1	Monday	4-6a Functions and Graphs	5.01	3	4.05, 4.07	Standard 2.01	33-34
		Tuesday	4-6 Functions and Linear Equations	5.01, 5.02, 5.04	3	4.05		
		Wednesday	4-7 Lines and Slope	5.02, 5.04	3	3.05		
		Thursday	Study Guide and Practice Test Standardized Test Practice		3	4.05		
		Friday	Chapter Assessment		3	4.05		
November	2	Monday	5-1a Exploring Factors		4	4.05, 4.06	Standard 2.02	35-36
		Tuesday	5-1 Prime Factorization		4	4.02		
		Wednesday	5-2a Problem-Solving Strategy: Make an Organized List	1.02, 1.03	4	4.01, 4.02, 4.06		

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		Thursday	5-2 Greatest Common Factor		4	4.02		
		Friday	5-3 Simplifying Fractions		4	4.02, 4.06		
November	3	Monday	5-4 Fractions and Decimals	1.03	5	1.04	Standard 2.03	37-38
		Tuesday	5-5 Fractions and Percents	1.01	5	1.02		
		Wednesday	5-6 Percents and Decimals	1.01	5	1.02		
		Thursday	5-7 Least Common Multiple		5	2.03		
		Friday	5-8 Comparing and Ordering Fractions	1.03	5	2.03		
November	4	Monday	Study Guide and Practice Test Standardized Test Practice				Standard 2.04	39-40
		Tuesday	Chapter Assessment					
		Wednesday	Catch-Up Day					
		Thursday	Thanksgiving					
		Friday	Thanksgiving					
December	1	Monday	6-1 Estimating with Fractions	1.02, 1.03	6	1.03, 1.04	Standard 2.05	41-42

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		Tuesday	6-2 Adding and Subtracting Fractions	1.02, 1.03	6	1.04, 3.01		
		Wednesday	6-3 Adding and Subtracting Mixed Numbers	1.02, 1.03	6	1.04		
		Thursday	6-3b Problem-Solving Strategy: Eliminate Possibilities	1.02, 1.03	6	1.01		
		Friday	6-4 Multiplying Fractions and Mixed Numbers	1.02, 1.03	6	1.04, 3.01		
December	2	Monday	6-5 Algebra: Solving Equations	5.03	7	3.05	Standard 2.06	43-44
		Tuesday	6-6 Dividing Fractions and Mixed Numbers	1.02	7	3.02		
		Wednesday	6-7 Measurement: Changing Customary Units		7	1.04, 3.02		
		Thursday	6-8 Geometry: Perimeter and Area	5.03, 5.04	7	3.02		
		Friday	6-9a Circumference		7	3.02, 3.03		
December	3	Monday	6-9 Geometry: Circles and Circumference	5.03, 5.04	8	3.02	Standard 2.07	45-46
		Tuesday	Study Guide and Practice Test Standardized Test Practice		8	3.02, 3.03		

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		Wednesday	Chapter Assessment		8	3.02		
		Thursday	Catch-Up Day		8	3.02		
		Friday	Catch-Up Day		8	3.02		
January	1	Monday	7-1 Ratios	1.01	9	1.03, 1.04	Standard 2.08	47-48
		Tuesday	7-2 Rates	1.01, 1.02	9	1.04		
		Wednesday	7-2b Rate of Change	1.01, 5.01	9	1.04		
		Thursday	7-3 Solving Proportions	1.01, 5.03	9	1.02, 4.07		
		Friday	7-3b Wildlife Sampling	1.01	9	1.02, 3.05		
January	2	Monday	7-4a Problem-Solving Strategy: Draw a Diagram	1.02, 1.02	10	1.06	Standard 2.09	49-50
		Tuesday	7-4 Scale Drawings	1.01, 1.02, 1.03, 2.01, 3.03, 5.03	10	1.02, 1.08		
		Wednesday	7-5 Fractions, Decimals, and Percents	1.02	10	1.04, 3.05		
		Thursday	7-6 Percents Greater Than 100% and Percents Less Than 1%		10	1.04, 3.03		
		Friday	7-7 Percent of a Number	1.01, 5.03	10	1.02		
January	3	Monday	7-8a Using a Percent Model	1.01	11	1.04	Standard 2.10	51-52
		Tuesday	7-8 The Percent Proportion	1.01, 5.03, 5.04	11	1.04		

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		Wednesday	Study Guide and Practice Test Standardized Test Practice		11	1.04, 3.02		
		Thursday	Chapter Assessment		11	1.04		
		Friday	Catch-Up Day		11	1.04, 3.01		
January	4	Monday	8-1 Percent and Estimation	1.01, 1.02, 1.03	12	1.04, 3.02, 3.03	Standard 2.11	53-54
		Tuesday	8-1b Problem-Solving Strategy: Reasonable Answers	1.02, 1.03	12	1.05, 1.06		
		Wednesday	8-2 The Percent Equation	1.01, 1.02, 5.03	12	1.04, 2.10, 3.02		
		Thursday	8-3a Sampling	4.01	12	1.04		
		Friday	8-3 Using Statistics to Predict	1.01, 4.01, 5.02, 5.03	12	1.04		
February	1	Monday	8-4 Percent of Change	1.01	13	1.04, 1.05, 1.06	Standard 3.01	55-56
		Tuesday	8-5 Sales Tax and Discount	1.01, 5.03	13	1.05, 1.06		
		Wednesday	8-6 Simple Interest	1.01, 5.03, 5.04	13	1.05, 1.06		
		Thursday	Study Guide and Practice Test Standardized Test Practice		13	1.05, 1.06		
		Friday	Chapter Assessment		13	1.05, 1.06		

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February	2	Monday	9-1 Simple Events		14	1.05, 1.06	Standard 3.02	57-58
		Tuesday	9-2 Tree Diagrams		14	1.02, 1.05, 1.06		
		Wednesday	9-3 The Fundamental Counting Principle		14	1.06		
		Thursday	9-4 Permutations		14	1.06, 1.08		
		Friday	9-5a Exploring Combinations		14	1.06, 1.08		
February	3	Monday	9-5 Combinations		15	1.06, 1.08	Standard 3.03	59-60
		Tuesday	9-6a Problem-Solving Strategy: Act It Out	1.02, 1.03	15	1.06, 1.08		
		Wednesday	9-6 Theoretical and Experimental Probability	4.01	15	1.06, 1.08		
		Thursday	9-6b Experimental Probability	4.01	15	1.06, 2.10		
		Friday	9-7 Independent and Dependent Events		15	1.06, 1.08		
February	4	Monday	Study Guide and Practice Test Standardized Test Practice		16	1.06, 1.08	Standard 3.04	61-62
		Tuesday	Chapter Assessment		16	1.06, 1.08		
		Wednesday	Catch-Up Day		16	1.06, 1.08		
		Thursday	10-1a Measuring Angles		16	1.06, 1.08		

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		Friday	10-1 Angles		16	1.06, 1.08		
March	1	Monday	10-1b Constructing and Bisecting Angles		17	4.09	Standard 3.05	63-64
		Tuesday	10-2 Making Circle Graphs	4.01	17	4.07, 4.09, 4.10		
		Wednesday	10-3 Angle Relationships	5.03	17	4.07		
		Thursday	10-3b Constructing Parallel Lines		17	4.08		
		Friday	10-4 Triangles		17	4.08		
March	2	Monday	10-4b Constructing Triangles		18	4.07, 4.08	Standard 4.01	65-66
		Tuesday	10-5 Quadrilaterals		18	4.07, 4.08, 4.09		
		Wednesday	10-6 Similar Figures	3.02, 3.03, 5.03	18	4.09		
		Thursday	10-7a Problem-Solving Strategy: Use Logical Reasoning	1.02, 1.03, 3.02	18	4.09		
		Friday	10-7 Polygons and Tessellations	3.02	18	4.09		
March	3	Monday	10-8 Translations		19	2.02	Standard 4.02	67-68
		Tuesday	10-9 Reflections		19	4.03, 4.04		
		Wednesday	10-9b Rotations		19	2.02		

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		Thursday	Study Guide and Practice Test Standardized Test Practice		19	2.02		
		Friday	Chapter Assessment		19	3.02		
March	4	Monday	11-1 Squares and Square Roots		20	2.03, 3.02	Standard 4.03	69-70
		Tuesday	11-2 Estimating Square Roots	1.02, 1.03	20	1.05, 2.11		
		Wednesday	11-3a The Pythagorean Theorem	5.04	20	1.05, 2.11		
		Thursday	11-3 The Pythagorean Theorem	5.03, 5.04	20	2.04		
		Friday	11-4 Area of Parallelograms	1.02, 5.03, 5.04	20	2.11		
April	1	Monday	11-5a Triangles and Trapezoids	5.04	21	1.07, 3.01	Standard 4.04	71-72
		Tuesday	11-5 Area of Triangles and Trapezoids	1.02, 5.03, 5.04	21	3.01, 3.02, 3.03		
		Wednesday	11-6 Area of Circles	5.03, 5.04	21	2.04, 3.01		
		Thursday	11-7a Problem-Solving Strategy: Solve a Simpler Problem	1.02, 1.03, 5.04	21	2.04		
		Friday	11-7 Area of Complex Figures	5.03, 5.04	21	2.04		

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April	2	Monday	11-8 Area Models and Probability	5.03, 5.04	22	1.08	Standard 4.05	73-74
		Tuesday	Study Guide and Practice Test Standardized Test Practice		22	1.08		
		Wednesday	Chapter Assessment		22	1.08		
		Thursday	Catch-Up Day		22	4.09, 4.10		
		Friday	Catch-Up Day		22	4.09, 4.10	Standard 4.06	75-76
April	3	Monday	12-1a Building Three-Dimensional Figures	3.01	23	2.05, 2.08, 2.09	Standard 4.07	77-78
		Tuesday	12-1 Drawing Three-Dimensional Figures	3.01	23	2.08, 2.09		
		Wednesday	12-1b Problem-Solving Strategy: Make a Model	1.02, 1.03	23	2.07		
		Thursday	12-2 Volume of Rectangular Prisms	1.02, 2.02, 5.03, 5.04	23	2.10, 2.11		
		Friday	12-3 Volume of Cylinders	2.02, 5.03, 5.04	23	2.07	Standard 4.08	79-80
April	4	Monday	12-4a Nets and Surface Area	2.02	24	2.08, 2.09	Standard 4.09	81-82
		Tuesday	12-4 Surface Area of Rectangular Prisms	2.02, 5.03, 5.04	24	2.07, 2.08, 2.09		

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		Wednesday	12-4b Changes in Volume and Surface Area	2.02, 3.01	24	1.08		
		Thursday	12-5 Surface Area of Cylinders	2.02, 5.03, 5.04	24	2.08, 2.09		
		Friday	12-6 Precision and Measurement		24	2.07	Standard 4.10	83-84
May	1	Monday	Study Guide and Practice Test Standardized Test Practice		25	2.05	Sample Test	85-100
		Tuesday	Chapter Assessment		25	2.06, 2.08, 2.09		
		Wednesday	Catch-Up Day/Review		25	2.07, 2.08, 2.09		
		Thursday	Catch-Up Day/Review		25	2.07		
		Friday	Catch-Up Day/Review		25	2.09		

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