

Daily Pacing Guide

Integrating EOG Test Preparation

with

Mathematics: Applications and Concepts
Course 3

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				Diagnostic Test	1-16
		Tuesday	1-2 Variables, Expressions, and Properties					
		Wednesday	1-3 Integers and Absolute Value	1.01				
		Thursday	1-3b Graphing Data	5.01				
		Friday	1-4 Adding Integers					
September	1	Monday	1-5 Subtracting Integers				Standard 1.01	17-18
		Tuesday	1-6 Multiplying and Dividing Integers					
		Wednesday	1-7 Writing Expressions and Equations					
		Thursday	1-8a Problem-Solving Strategy: Work Backward	1.02				
		Friday	1-8 Solving Addition and Subtraction Equations	5.03, 5.04				
September	2	Monday	1-9 Solving Multiplication and Division Equations	5.03, 5.04			Standard 1.02	19-20

* 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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		Tuesday	Study Guide and Practice Test Standardized Test Practice					
		Wednesday	Chapter Assessment					
		Thursday	2-1 Fractions and Decimals					
		Friday	2-2 Comparing and Ordering Rational Numbers	1.01				
September	3	Monday	2-3 Multiplying Rational Numbers	1.02			Standard 1.03	21-22
		Tuesday	2-4 Dividing Rational Numbers	1.02				
		Wednesday	2-5 Adding and Subtracting Like Fractions					
		Thursday	2-6 Adding and Subtracting Unlike Fractions	1.02				
		Friday	2-7 Solving Equations with Rational Numbers	5.03, 5.04				
September	4	Monday	2-8a Problem-Solving Strategy: Look for a Pattern	1.02			Standard 1.04	23-24
		Tuesday	2-8 Powers and Exponents					

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		Wednesday	2-8b Binary Numbers					
		Thursday	2-9 Scientific Notation					
		Friday	Study Guide and Practice Test Standardized Test Practice					
October	1	Monday	Chapter Assessment				Standard 1.05	25-26
		Tuesday	3-1 Square Roots	5.04				
		Wednesday	3-2 Estimating Square Roots	1.01, 5.04				
		Thursday	3-3a Problem-Solving Strategy: Use a Venn Diagram	1.02				
		Friday	3-3 The Real Number System	1.01				
October	2	Monday	3-4 The Pythagorean Theorem	3.02			Standard 1.06	27-28
		Tuesday	3-5 Using the Pythagorean Theorem	1.01, 2.02, 3.02				
		Wednesday	3-5b Graphing Irrational Numbers	1.01, 3.02				
		Thursday	3-6 Distance on the Coordinate Plane	1.01, 3.02				

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		Friday	Study Guide and Practice Test Standardized Test Practice					
October	3	Monday	Chapter Assessment		1	1.11, 3.05	Standard 1.07	29-30
		Tuesday	4-1 Ratios and Rates		1	1.02, 1.09, 1.12		
		Wednesday	4-2 Rate of Change		1	1.02, 1.09, 1.11		
		Thursday	4-3 Slope	5.01	1	1.02		
		Friday	4-4 Solving Proportions		1	1.02		
October	4	Monday	4-5a Problem-Solving Strategy: Draw a Diagram	1.02	2	1.02, 1.11	Standard 1.08	31-32
		Tuesday	4-5 Similar Polygons	3.02	2	1.06, 1.11		
		Wednesday	4-5b The Golden Rectangle	3.02	2	3.05, 4.03		
		Thursday	4-6 Scale Drawings and Models	2.02, 3.01, 3.02	2	1.12		
		Friday	4-7 Indirect Measurement	2.02, 3.02	2	1.02		
November	1	Monday	4-7b Trigonometry	2.02, 3.02	3	1.02, 1.03	Standard 1.09	33-34
		Tuesday	4-8 Dilations	3.03	3	1.02, 1.03		

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		Wednesday	Study Guide and Practice Test Standardized Test Practice		3	1.03, 1.10		
		Thursday	Chapter Assessment		3	1.02, 1.03, 1.12		
		Friday	Catch-Up Day		3	1.02, 1.12		
November	2	Monday	5-1 Ratios and Percents		4	1.02, 1.12, 3.02	Standard 1.10	35-36
		Tuesday	5-2 Fractions, Decimals, and Percents		4	1.02, 2.01, 3.01, 3.02		
		Wednesday	5-3 The Percent Proportion		4	1.06		
		Thursday	5-4 Finding Percents Mentally	1.02	4	1.05, 1.08		
		Friday	5-5a Problem-Solving Strategy: Reasonable Answers	1.02	4	1.05, 1.08		
November	3	Monday	5-5 Percent and Estimation	1.02	5	1.07, 1.08, 2.01	Standard 1.11	37-38
		Tuesday	5-6 The Percent Equation	5.03, 5.04	5	1.01, 1.07		
		Wednesday	5-7 Percent of Change	1.02	5	2.01, 2.06, 3.01		
		Thursday	5-8 Simple Interest	5.03, 5.04	5	2.06, 3.01		

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		Friday	Study Guide and Practice Test Standardized Test Practice		5	1.07		
November	4	Monday	Chapter Assessment				Standard 1.12	39-40
		Tuesday	Catch-Up Day					
		Wednesday	Catch-Up Day					
		Thursday	Thanksgiving					
		Friday	Thanksgiving					
December	1	Monday	6-1 Line and Angle Relationships	3.02	6	2.01, 2.06	Standard 2.01	41-42
		Tuesday	6-2 Triangles and Angles	3.02	6	2.01, 2.06		
		Wednesday	6-3 Special Right Triangles	3.02	6	2.02, 2.06		
		Thursday	6-4 Classifying Quadrilaterals	3.02	6	2.02		
		Friday	6-4b Problem-Solving Strategy: Use Logical Reasoning		6	2.01, 2.02, 2.06		
December	2	Monday	6-5a Angles of Polygons	3.02	7	3.01, 3.02	Standard 2.02	43-44
		Tuesday	6-5 Congruent Polygons	3.02	7	2.12, 3.02, 3.04		
		Wednesday	6-6 Symmetry	3.02	7	2.12, 3.04		

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		Thursday	6-7 Reflections	3.02	7	3.02		
		Friday	6-8 Translations	3.02	7	1.12		
December	3	Monday	6-9 Rotations	3.02	8	2.01, 2.08, 3.02	Standard 2.03	45-46
		Tuesday	Study Guide and Practice Test Standardized Test Practice		8	2.02, 2.09		
		Wednesday	Chapter Assessment		8	2.01, 2.02, 2.08		
		Thursday	Catch-Up Day		8	2.08, 3.02		
		Friday	Catch-Up Day		8	2.08, 2.09		
January	1	Monday	7-1 Area of Parallelograms, Triangles, and Trapezoids	2.01, 3.01	9	1.03, 1.12	Standard 2.04	47-48
		Tuesday	7-2 Circumference and Area of Circles	2.01, 3.01	9	1.03, 2.01		
		Wednesday	7-3a Problem-Solving Strategy: Solve a Simpler Problem	3.01	9	1.04, 1.12		
		Thursday	7-3 Area of Complex Figures	3.01	9	1.02, 1.03		
		Friday	7-4a Building Three-Dimensional Figures	3.01	9	1.02, 1.12		
January	2	Monday	7-4 Three-Dimensional Figures	3.01	10	1.02, 1.04, 1.12	Standard 2.05	49-50

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		Tuesday	7-5 Volume of Prisms and Cylinders	2.01, 3.01	10	1.02, 1.12		
		Wednesday	7-6 Volume of Pyramids and Cones	2.01, 3.01	10	1.02, 1.03, 1.12, 3.01		
		Thursday	7-7a Nets	3.01	10	1.02, 1.03, 1.12		
		Friday	7-7 Surface Area of Prisms and Cylinders	2.01, 3.01	10	1.02, 1.04		
January	3	Monday	7-8 Surface Area of Pyramids and Cones	3.01	11	2.01	Standard 2.06	51-52
		Tuesday	7-8b Similar Solids	2.01, 3.01	11	2.01		
		Wednesday	7-9 Precision and Significant Digits	3.01	11	2.01		
		Thursday	Study Guide and Practice Test Standardized Test Practice		11	2.01, 3.02		
		Friday	Chapter Assessment		11	2.01		
January	4	Monday	8-1 Probability of Simple Events	1.02	12	2.08, 2.09	Standard 2.07	53-54
		Tuesday	8-2a Problem-Solving Strategy: Make a List	1.02	12	2.09		
		Wednesday	8-2 Counting Outcomes		12	2.09		
		Thursday	8-3 Permutations		12	2.09		
		Friday	8-4 Combinations		12	2.01, 2.09		

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February	1	Monday	8-4b Combinations and Pascal's Triangle		13	2.01, 3.01	Standard 2.08	55-56
		Tuesday	8-5 Probability of Compound Events		13	2.01, 2.11, 3.01		
		Wednesday	8-6 Experimental Probability	1.02	13	2.01, 3.01		
		Thursday	8-6b Simulations		13	2.01, 3.01		
		Friday	8-7 Using Sampling to Predict	4.03	13	2.01, 3.01		
February	2	Monday	Study Guide and Practice Test Standardized Test Practice		14	2.05, 2.12, 3.01	Standard 2.09	57-58
		Tuesday	Chapter Assessment		14	2.05, 3.01		
		Wednesday	9-1a Problem-Solving Strategy: Make a Table	1.02	14	2.03, 3.01		
		Thursday	9-1 Histograms	4.01	14	2.03, 3.01		
		Friday	9-1b Histograms	4.01	14	2.01, 2.05, 2.12, 3.01		
February	3	Monday	9-2 Circle Graphs	4.01	15	4.05	Standard 2.10	59-60
		Tuesday	9-3 Choosing an Appropriate Display	4.01	15	4.05		
		Wednesday	9-3b Maps and Statistics	4.01	15	3.01		

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		Thursday	9-4 Measures of Central Tendency	4.01	15	3.01		
		Friday	9-4b Mean, Median, and Mode	4.01	15	4.05		
February	4	Monday	9-5 Measures of Variation	4.01	16	1.03, 4.05	Standard 2.11	61-62
		Tuesday	9-6 Box-and-Whisker Plots	4.01	16	4.05, 4.06		
		Wednesday	9-7 Misleading Graphs and Statistics	4.01, 4.03	16	4.05, 4.06		
		Thursday	9-8 Matrices	4.01	16	4.05, 4.06		
		Friday	Study Guide and Practice Test Standardized Test Practice		16	4.05, 4.06		
March	1	Monday	Chapter Assessment		17	2.01	Standard 2.12	63-64
		Tuesday	10-1a Algebra Tiles		17	4.04		
		Wednesday	10-1 Simplifying Algebraic Expressions	5.04	17	4.04		
		Thursday	10-2 Solving Two-Step Equations	5.04	17	4.03		
		Friday	10-3 Writing Two-Step Equations	5.04	17	4.03		
March	2	Monday	10-4a Equations with Variables on Each Side	5.04	18	4.01, 4.03	Standard 3.01	65-66

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		Tuesday	10-4 Solving Equations with Variables on Each Side	5.04	18	4.01, 4.04, 4.06		
		Wednesday	10-4b Problem-Solving Strategy: Guess and Check	1.02	18	4.01, 4.03, 4.04		
		Thursday	10-5 Inequalities	5.04	18	3.05		
		Friday	10-6 Solving Inequalities by Adding or Subtracting	5.04	18	3.05		
March	3	Monday	10-7 Solving Inequalities by Multiplying or Dividing	5.04	19	1.10, 1.11, 3.02	Standard 3.02	67-68
		Tuesday	Study Guide and Practice Test Standardized Test Practice		19	1.10, 1.11, 3.02		
		Wednesday	Chapter Assessment		19	1.10, 1.11, 3.01		
		Thursday	Catch-Up Day		19	1.11, 3.02		
		Friday	Catch-Up Day		19	1.11, 3.02		
March	4	Monday	11-1 Sequences		20	3.02, 3.03	Standard 3.03	69-70
		Tuesday	11-1b The Fibonacci Sequence		20	3.02, 3.03		
		Wednesday	11-2 Functions	5.01	20	3.02		
		Thursday	11-3a Graphing Relationships	5.01	20	1.12, 3.02		

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		Friday	11-3 Graphing Linear Functions	5.01	20	3.02, 3.03		
April	1	Monday	11-4 The Slope Formula	5.01	21	3.03, 3.04, 3.05	Standard 3.04	71-72
		Tuesday	11-5a Families of Linear Graphs	5.01	21	1.02, 1.11, 3.05		
		Wednesday	11-5 Slope-Intercept Form	5.01, 5.02, 5.03	21	3.03, 3.04		
		Thursday	11-6a Problem-Solving Strategy: Use a Graph	1.02, 4.01	21	1.02, 1.11		
		Friday	11-6 Scatter Plots	4.01, 4.02, 5.01, 5.02, 5.03	21	1.02, 1.11, 3.05		
April	2	Monday	11-6b Scatter Plots	4.01, 5.01	22	3.03, 3.04	Standard 3.05	73-74
		Tuesday	11-7 Graphing Systems of Equations	5.01, 5.02, 5.03	22	3.04, 4.02		
		Wednesday	11-8 Graphing Linear Inequalities	5.01, 5.02, 5.03	22	3.02		
		Thursday	Study Guide and Practice Test Standardized Test Practice		22	3.02, 3.03, 3.04		
		Friday	Chapter Assessment		22	3.02, 3.03, 3.05	Standard 4.01	75-76
April	3	Monday	12-1 Linear and Nonlinear Functions	5.01	23	3.03, 3.04, 3.05	Standard 4.03	79-80
		Tuesday	12-2a Families of Quadratic Functions	5.01	23	3.03, 3.04, 3.05		

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		Wednesday	12-2 Graphing Quadratic Functions	5.01	23	1.11, 3.04		
		Thursday	12-3a Modeling Expressions with Algebra Tiles		23	1.06, 1.11		
		Friday	12-3 Simplifying Polynomials		23	1.08, 1.11	Standard 4.04	81-82
April	4	Monday	12-4 Adding Polynomials		24	1.11, 2.01	Standard 4.05	83-84
		Tuesday	12-5 Subtracting Polynomials		24	1.08, 1.11, 2.01		
		Wednesday	12-6 Multiplying and Dividing Monomials		24	1.08, 1.10, 1.11		
		Thursday	12-7a Problem-Solving Strategy: Make a Model	1.02	24	1.11		
		Friday	12-7 Multiplying Monomials and Polynomials		24	1.11, 2.01	Standard 4.06	85-86
May	1	Monday	Study Guide and Practice Test Standardized Test Practice		25	1.08, 1.11, 2.01, 3.01	Sample Test	87-102
		Tuesday	Chapter Assessment		25	1.08, 1.11, 2.01, 3.01		
		Wednesday	Catch-Up Day/Review		25	1.08, 1.11		
		Thursday	Catch-Up Day/Review		25	1.08, 1.11, 2.01, 3.01		

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		Friday	Catch-Up Day/Review		25	1.08, 1.11, 1.12, 2.01, 3.01		

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