

Daily Pacing Guide

Integrating ISTEP+/GQE Test Preparation

with

Glencoe Algebra 1

Overview

The Daily Pacing Guide helps you easily integrate ISTEP+/GQE test preparation into your daily lesson plans by providing assignments for each day leading up to the GQE, which is given in the fall of the following year. Armed with the Indiana Student Edition, Countdown to GQE, and the ISTEP+/GQE Test Practice and Sample Test Workbook, you have many opportunities to prepare your students for the GQE every day.

The Daily Pacing Guide shows you how to incorporate continuous daily practice into your lessons to help ensure your students' success in the GQE. Here are some features of the 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 Indiana Algebra 1 Academic Standards.
- Provides for two pages of Standardized Test Practice at the end of each chapter.
- Includes several Catch-Up Days throughout the school year to help keep you and your students on track.

For the Countdown to GQE

- Lists each of the 25 weeks of Countdown to GQE, so students can spend a few minutes each day practicing for the test.
- Allows students to practice Open Ended problems (Monday and Friday) and Multiple Choice and Gridded Response problems (Tuesday, Wednesday, and Thursday).

For the GQE Test Practice and Sample Test Workbook

- Contains a Diagnostic Test covering the GQE Academic Standards and Recording Charts for you and your students to 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 benchmark.
- Contains a Sample Test which students can complete just prior to the GQE for additional practice.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
September	1	Monday	1-1 Variables and Expressions				Diagnostic Test	1-14
		Tuesday	1-2 Order of Operations	A1.9.3				
		Wednesday	1-3 Open Sentences	A1.2.1, A1.2.3, A1.2.4, A1.2.6, A1.9.3				
		Thursday	1-4 Identity and Equality Properties	A1.9.3				
		Friday	1-5 The Distributive Property	A1.1.3, A1.9.3				
October	1	Monday	1-6 Commutative and Associative Properties	A1.1.3, A1.9.3			Standard 10.4	15-16
		Tuesday	1-7 Logical Reasoning	A1.9.1, A1.9.4, A1.9.6, A1.9.7, A1.9.8				
		Wednesday	1-8 Graphs and Functions	A1.3.1, A1.3.2, A1.3.4				
		Thursday	Algebra Activity: Investigating Real-World Functions					
		Friday	1-9 Statistics: Analyzing Data by Using Tables and Graphs	A1.3.2				

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
October	2	Monday	Study Guide and Practice Test Standardized Test Practice				Standard 10.4	17-18
		Tuesday	Chapter Assessment					
		Wednesday	2-1 Rational Numbers on the Number Line	A1.1.1				
		Thursday	2-2 Adding and Subtracting Rational Numbers					
		Friday	2-3 Multiplying Rational Numbers					
October	3	Monday	2-4 Dividing Rational Numbers				Standard 10.4	19-20
		Tuesday	2-5 Statistics: Displaying and Analyzing Data	A1.3.2				
		Wednesday	2-6 Probability: Simple Probability and Odds					
		Thursday	2-7 Square Roots and Real Numbers	A1.1.1				
		Friday	Study Guide and Practice Test Standardized Test Practice					
October	4	Monday	Chapter Assessment				Standard 10.4	21-22

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Tuesday	3-1 Writing Equations	A1.9.1				
		Wednesday	3-2 Solving Equations by Using Addition and Subtraction	A1.2.1, A1.2.6, A1.9.1, A1.9.4, A1.9.5				
		Thursday	3-3 Solving Equations by Using Multiplication and Division	A1.2.1, A1.2.6, A1.9.1, A1.9.4				
		Friday	3-4 Solving Multi-Step Equations	A1.2.1, A1.2.6, A1.9.1, A1.9.3, A1.9.4				
November	1	Monday	3-5 Solving Equations with the Variable on Each Side	A1.2.1, A1.2.6, A1.9.1, A1.9.3, A1.9.4, A1.9.8			Standard 10.4	23-24
		Tuesday	3-6 Ratios and Proportions	A1.7.2, A1.9.8				
		Wednesday	3-7 Percent of Change	A1.9.1				
		Thursday	3-8 Solving Equations and Formulas	A1.2.2				
		Friday	3-9 Weighted Averages					
November	2	Monday	Study Guide and Practice Test Standardized Test Practice				Standard 10.4	25-26
		Tuesday	Chapter Assessment					

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Wednesday	4-1 The Coordinate Plane					
		Thursday	4-2 Transformations on the Coordinate Plane					
		Friday	Graphing Calculator Investigation: Graphs of Relations					
November	3	Monday	4-3 Relations	A1.3.4, A1.9.8	1	10.2, 10.4	Standard 10.5	27-28
		Tuesday	4-4 Equations as Relations	A1.2.2, A1.3.4, A1.9.2	1	10.4, 10.6, 10.9		
		Wednesday	4-5 Graphing Linear Equations	A1.2.6, A1.3.4, A1.4.1, A1.4.2	1	10.4		
		Thursday	Graphing Calculator Investigation: Graphing Linear Equations		1	10.3		
		Friday	4-6 Functions	A1.2.6, A1.3.3, A1.9.8	1	10.2, 10.5		
November	4	Monday	4-7 Arithmetic Sequences				Standard 10.5	29-30
		Tuesday	4-8 Writing Equations from Patterns	A1.9.1, A1.9.6				
		Wednesday	Catch-Up Day					
		Thursday	Thanksgiving					
		Friday	Thanksgiving					

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
December	1	Monday	Study Guide and Practice Test Standardized Test Practice		2	10.7	Standard 10.5	31-32
		Tuesday	Chapter Assessment		2	10.2, 10.9		
		Wednesday	5-1 Slope		2	10.9		
		Thursday	5-2 Slope and Direct Variation	A1.4.1	2	10.6, 10.9		
		Friday	Algebra Activity: Investigating Slope-Intercept Form		2	10.8		
December	2	Monday	5-3 Slope-Intercept Form	A1.2.2, A1.4.1, A1.4.2	3	10.1, 10.5	Standard 10.5	33-34
		Tuesday	Graphing Calculator Investigation: Families of Linear Graphs		3	10.1, 10.4		
		Wednesday	5-4 Writing Equations in Slope-Intercept Form	A1.4.2, A1.4.3, A1.4.4	3	10.1, 10.4		
		Thursday	5-5 Writing Equations in Point-Slope Form	A1.4.4	3	10.4, 10.4		
		Friday	5-6 Geometry: Parallel and Perpendicular Lines		3	10.1, 10.2, 10.3, 10.9		
December	3	Monday	5-7 Statistics: Scatter Plots and Lines of Fit	A1.4.5	4	10.9	Standard 10.5	35-37

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Tuesday	Graphing Calculator Investigation: Regression and Median-Fit Lines	A1.4.5	4	10.9		
		Wednesday	Study Guide and Practice Test Standardized Test Practice		4	10.1, 10.4		
		Thursday	Chapter Assessment		4	10.1, 10.4		
		Friday	Catch-Up Day		4	10.1, 10.4		
January	1	Monday	6-1 Solving Inequalities by Addition and Subtraction	A1.2.6, A1.9.5	5	10.5, 10.6	Standard 10.6	38-39
		Tuesday	Algebra Activity: Solving Inequalities		5	10.5		
		Wednesday	6-2 Solving Inequalities by Multiplication and Division	A1.2.6, A1.9.8	5	10.5, 10.6		
		Thursday	6-3 Solving Multi-Step Inequalities	A1.1.3, A1.2.4, A1.2.6	5	10.6		
		Friday	6-4 Solving Compound Inequalities	A1.2.5	5	10.5, 10.6		
January	2	Monday	6-5 Solving Open Sentences Involving Absolute Value	A1.9.5	6	10.5, 10.7	Standard 10.6	40-41

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Tuesday	6-6 Graphing Inequalities in Two Variables	A1.2.3, A1.4.6	6	10.5, 10.9		
		Wednesday	Graphing Calculator Investigation: Graphing Inequalities	A1.4.6	6	10.3, 10.9		
		Thursday	Study Guide and Practice Test Standardized Test Practice		6	10.6		
		Friday	Chapter Assessment		6	10.2, 10.3, 10.6		
January	3	Monday	7-1 Graphing Systems of Equations	A1.2.3, A1.4.1, A1.5.1, A1.5.6, A1.9.1, A1.9.8	7	10.1, 10.2, 10.5	Standard 10.6	42-43
		Tuesday	Graphing Calculator Investigation: Systems of Equations		7	10.5		
		Wednesday	7-2 Substitution	A1.2.1, A1.5.3, A1.5.6, A1.9.1	7	10.5		
		Thursday	7-3 Elimination Using Addition and Subtraction	A1.2.1, A1.5.4, A1.5.6	7	10.5		
		Friday	7-4 Elimination Using Multiplication	A1.2.1, A1.5.3, A1.5.4, A1.5.5, A1.5.6	7	10.1, 10.2, 10.5		
January	4	Monday	7-5 Graphing Systems of Inequalities	A1.2.5, A1.4.6, A1.5.2, A1.9.1	8	10.5	Standard 10.6	44-45

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Tuesday	Study Guide and Practice Test Standardized Test Practice		8	10.5		
		Wednesday	Chapter Assessment		8	10.5		
		Thursday	Catch-Up Day		8	10.5		
		Friday	8-1 Multiplying Monomials	A1.6.2, 1.6.3, A1.9.8	8	10.2, 10.7		
February	1	Monday	Algebra Activity: Investigating Surface Area and Volume	A1.6.2, A1.6.3	9	10.4, 10.9	Standard 10.6	46-47
		Tuesday	8-2 Dividing Monomials	A1.6.2	9	10.4		
		Wednesday	8-3 Scientific Notation	A1.6.2, A1.9.6	9	10.1, 10.4, 10.6		
		Thursday	Algebra Activity: Polynomials		9	10.4, 10.7		
		Friday	8-4 Polynomials	A1.9.8	9	10.4		
February	2	Monday	Algebra Activity: Adding and Subtracting Polynomials	A1.6.1	10	10.4,	Standard 10.6	48-49
		Tuesday	8-5 Adding and Subtracting Polynomials	A1.6.1	10	10.4		
		Wednesday	8-6 Multiplying a Polynomial by a Monomial	A1.6.4	10	10.4		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Thursday	Algebra Activity: Multiplying Polynomials	A1.6.4	10	10.4, 10.5		
		Friday	8-7 Multiplying Polynomials	A1.6.4	10	10.2, 10.4		
February	3	Monday	8-8 Special Products	A1.6.4	11	10.4	Standard 10.7	50-51
		Tuesday	Study Guide and Practice Test Standardized Test Practice		11	10.4, 10.5		
		Wednesday	Chapter Assessment		11	10.4		
		Thursday	Catch-Up Day		11	10.3, 10.6		
		Friday	9-1 Factors and Greatest Common Factors	A1.9.8	11	10.4		
February	4	Monday	Algebra Activity: Factoring Using the Distributive Property	A1.6.6	12	10.1, 10.4	Standard 10.7	52-53
		Tuesday	9-2 Factoring Using the Distributive Property	A1.6.6, A1.8.2	12	10.4		
		Wednesday	Algebra Activity: Factoring Trinomials	A1.6.7	12	10.4		
		Thursday	9-3 Factoring Trinomials: $x^2 + bx + c$	A1.6.7, A1.8.2	12	10.4		
		Friday	9-4 Factoring Trinomials: $ax^2 + bx + c$	A1.6.7, A1.8.2	12	10.4, 10.5		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
March	1	Monday	9-5 Factoring Differences of Squares	A1.6.7, A1.8.2	13	10.1, 10.4	Standard 10.7	54-55
		Tuesday	9-6 Perfect Squares and Factoring	A1.6.7, A1.8.2, A1.8.3	13	10.4, 10.9		
		Wednesday	Study Guide and Practice Test Standardized Test Practice		13	10.4, 10.9		
		Thursday	Chapter Assessment		13	10.9		
		Friday	Catch-Up Day		13	10.4, 10.9		
March	2	Monday	10-1 Graphing Quadratic Functions	A1.8.1	14	10.4, 10.6	Standard 10.7	56-57
		Tuesday	Graphing Calculator Investigation: Families of Quadratic graphs	A1.8.1	14	10.4		
		Wednesday	10-2 Solving Quadratic Equations by Graphing	A1.3.3, A1.6.8, A1.8.1, A1.8.7, A1.8.9	14	10.4		
		Thursday	10-3 Solving Quadratic Equations by Completing the Square	A1.8.3, A1.8.4, A1.8.7, A1.9.1	14	10.4		
		Friday	Graphing Calculator Investigation: Graphing Quadratic Functions in Vertex Form	A1.8.1	14	10.4, 10.6, 10.9		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
March	3	Monday	10-4 Solving Quadratic Equations by Using the Quadratic Formula	A1.8.6, A1.8.7, A1.8.9	15	10.6, 10.9	Standard 10.7	58-60
		Tuesday	Graphing Calculator Investigation: Solving Quadratic-Linear Systems	A1.8.1	15	10.4		
		Wednesday	10-5 Exponential Functions	A1.1.4, A1.9.1, A1.9.5	15	10.4		
		Thursday	10-6 Growth and Decay		15	10.4		
		Friday	10-7 Geometric Sequences	A1.9.5	15	10.4, 10.9		
March	4	Monday	Algebra Activity: Investigating Rates of Change		16	10.1, 10.2, 10.4	Standard 10.8	61-62
		Tuesday	Study Guide and Practice Test Standardized Test Practice		16	10.4		
		Wednesday	Chapter Assessment		16	10.1, 10.4		
		Thursday	Catch-Up Day		16	10.4		
		Friday	Catch-Up Day		16	10.1, 10.4		
April	1	Monday	11-1 Simplifying Radical Expressions	A1.1.2, A1.1.4, A1.6.3, A1.8.5	17	10.1, 10.4, 10.9	Standard 10.8	63-64

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Tuesday	11-2 Operations with Radical Expressions	A1.1.1, A1.1.2	17	10.5		
		Wednesday	11-3 Radical Equations	A1.8.1, A1.8.8, A1.9.4	17	10.5		
		Thursday	Graphing Calculator Investigation: Graphs of Radical Equations		17	10.4		
		Friday	11-4 The Pythagorean Theorem		17	10.1, 10.4		
April	2	Monday	11-5 The Distance Formula		18	10.1, 10.4, 10.5	Standard 10.8	65-66
		Tuesday	11-6 Similar Triangles		18	10.4		
		Wednesday	Algebra Activity: Investigating Trigonometric Ratios		18	10.4		
		Thursday	11-7 Trigonometric Ratios		18	10.1, 10.4		
		Friday	Study Guide and Practice Test Standardized Test Practice		18	10.1, 10.3, 10.4, 10.6		
April	3	Monday	Chapter Assessment		19	10.3, 10.9	Standard 10.8	67-68
		Tuesday	12-1 Inverse Variation		19	10.4, 10.6		
		Wednesday	12-2 Rational Expressions	A1.6.2, A1.7.1	19	10.4, 10.6		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Thursday	Graphing Calculator Investigation: Rational Expressions		19	10.4		
		Friday	12-3 Multiplying Rational Expressions	A1.1.5, A1.7.1	19	10.4		
April	4	Monday	12-4 Dividing Rational Expressions	A1.1.5, A1.7.1	20	10.4	Standard 10.9	69-71
		Tuesday	12-5 Dividing Polynomials	A1.6.5, A1.7.1	20	10.4, 10.6		
		Wednesday	12-6 Rational Expressions with Like Denominators	A1.7.1	20	10.6		
		Thursday	12-7 Rational Expressions with Unlike Denominators	A1.7.1	20	10.1, 10.6		
		Friday	12-8 Mixed Expressions and Complex Fractions		20	10.1, 10.6		
May	1	Monday	12-9 Solving Rational Equations	A1.7.2	21	10.1, 10.6	Standard 10.9	72-74
		Tuesday	Study Guide and Practice Test Standardized Test Practice		21	10.1, 10.4		
		Wednesday	Chapter Assessment		21	10.4		
		Thursday	Catch-Up Day		21	10.1, 10.4		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Friday	Catch-Up Day		21	10.4		
May	2	Monday	13-1 Sampling and Bias		22	10.1, 10.4	Standard 10.9	75-77
		Tuesday	13-2 Introduction to Matrices	A1.3.2, A1.9.5	22	10.4		
		Wednesday	13-3 Histograms		22	10.1, 10.4		
		Thursday	Graphing Calculator Investigation: Curve Fitting	A1.4.5	22	10.4		
		Friday	13-4 Measures of Variation	A1.9.8	22	10.1, 10.2		
May	3	Monday	13-5 Box-and-Whisker Plots		23	10.2, 10.3, 10.7	Standard 10.9	78-80
		Tuesday	Algebra Activity: Investigating Percentiles		23	10.4		
		Wednesday	Study Guide and Practice Test Standardized Test Practice		23	10.4		
		Thursday	Chapter Assessment		23	10.4		
		Friday	Catch-Up Day		23	10.1, 10.4		
May	4	Monday	14-1 Counting Outcomes		24	10.1, 10.7	Standard 10.9	81-83
		Tuesday	Algebra Activity: Finite Graphs		24	10.7		

* Two or three pages of practice are 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.

Month	Week	Day	Student Edition Lesson	Indiana Algebra 1 Academic Standards	Countdown to GQE Week	GQE Standards	ISTEP+/GQE Test Practice and Sample Test Workbook*	Pages
		Wednesday	14-2 Permutations and Combinations		24	10.4, 10.7		
		Thursday	14-3 Probability of Compound Events		24	10.7		
		Friday	14-4 Probability Distributions		24	10.1, 10.7		
June	1	Monday	14-5 Probability Simulations		25	10.1, 10.8, 10.9		
		Tuesday	Study Guide and Practice Test Standardized Test Practice		25	10.1, 10.8, 10.9		
		Wednesday	Chapter Assessment		25	10.8, 10.9		
		Thursday	Catch-Up Day/Review		25	10.8, 10.9	Sample Test 1	84-96
		Friday	Catch-Up Day/Review		25	10.1, 10.8, 10.9	Sample Test 2	97-110

* Two or three pages of practice are 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.