

Daily Pacing Guide

Integrating ISTEP+ Test Preparation

with

Mathematics: Applications and Concepts
Course 1

Overview

The Daily Pacing Guide helps you easily integrate ISTEP+ test preparation into your daily lesson plans by providing assignments for each day leading up to the ISTEP+ test given in the fall of the following year. Armed with the Indiana Student Edition, Countdown to ISTEP+, and the Math Skills Maintenance Workbook, you have many opportunities to prepare your students for the ISTEP+ test 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 ISTEP+ 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 Grade 6 Indiana Academic Standards.
- Provides for ISTEP+ 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 ISTEP+

- Lists each of the 23 weeks of Countdown to ISTEP+, so students can spend a few minutes each day practicing for the ISTEP+ test.
- Allows students to practice Open Ended problems (Monday and Friday) and Multiple Choice and Gridded Response problems (Tuesday, Wednesday, and Thursday).

For the Math Skills Maintenance Test Workbook

- Provides opportunities for students to practice basic math skills they have learned in previous courses.
- Includes practice for each previously-learned skill, which you may assign before you study related lessons in the Student Edition or as short in-class or take-home refreshers any time during the school year.

Month	Week	Day	Student Edition Lesson	Indiana Academic Standards	Countdown to ISTEP+ Week	Indiana Academic Standards	Math Skills Maintenance Workbook Skill Number(s)	Page(s)
September	1	Monday	1-1 A Plan for Problem Solving	6.7.1, 6.7.3, 6.7.4, 6.7.5, 6.7.6, 6.7.9, 6.7.10, 6.7.11			3, 4, 5, 6, 12, 32	8-11, 12-14, 15-17, 18-20, 40-43, 84
		Tuesday	1-2 Divisibility Patterns					
		Wednesday	1-3 Prime Factors				8, 19	24-26, 58-59
		Thursday	1-4 Powers and Exponents				7, 19, 39	21-23, 58-59, 91
		Friday	1-5 Order of Operations	6.3.4, 6.3.6			10, 37	30-35, 89
October	1	Monday	1-6 Algebra: Variables and Expressions	6.3.6			16, 18, 39	52-53, 56-57, 91
		Tuesday	1-7a Problem-Solving Strategy: Guess and Check	6.7.1, 6.7.2, 6.7.10, 6.7.11				
		Wednesday	1-7 Algebra: Solving Equations	6.3.1, 6.7.5, 6.7.9			6, 10, 11, 12, 15	18-20, 30-35, 36-39, 40-43, 50-51
		Thursday	1-8 Geometry: Area of Rectangles	6.3.2, 6.3.5			7, 32	21-23, 84
		Friday	Study Guide and Practice Test Standardized Test Practice					
October	2	Monday	Chapter Assessment					
		Tuesday	2-1 Frequency Tables	6.6.1, 6.6.2			2	5-7

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		Wednesday	2-2a Problem-Solving Strategy: Use a Graph	6.6.1				
		Thursday	2-2 Bar Graphs and Line Graphs	6.6.1			2	5-7
		Friday	2-3 Circle Graphs	6.6.1				
October	3	Monday	2-4 Making Predictions	6.7.8			39	91
		Tuesday	2-5 Stem-and-Leaf Plots	6.6.1			2	5-7
		Wednesday	2-6 Mean	6.6.3			1, 4, 8	1-4, 12-14, 24-26
		Thursday	2-7 Median, Mode, and Range	6.6.3			2, 6	5-7, 18-20
		Friday	2-8 Analyzing Graphs					
October	4	Monday	Study Guide and Practice Test Standardized Test Practice					
		Tuesday	Chapter Assessment					
		Wednesday	Catch-Up Day					
		Thursday	3-1a Modeling Decimals					
		Friday	3-1 Representing Decimals				1	1-4
November	1	Monday	3-2 Comparing and Ordering Decimals	6.1.3			1, 2	1-4, 5-7
		Tuesday	3-3 Rounding Decimals	6.1.3, 6.7.6			1, 2, 3	1-4, 5-7, 8-11

Month	Week	Day	Student Edition Lesson	Indiana Academic Standards	Countdown to ISTEP+ Week	Indiana Academic Standards	Math Skills Maintenance Workbook Skill Number(s)	Page(s)
		Wednesday	3-4 Estimating Sums and Differences	6.2.10, 6.7.6			3, 11, 12	8-11, 36-39, 40-43
		Thursday	3-5 Adding and Subtracting Decimals	6.5.10			4, 5, 6, 11, 12, 16, 18	12-14, 15-17, 18-20, 36-39, 40-43, 52-53, 56-57
		Friday	3-5b Problem-Solving Strategy: Choose the Method of Computation	6.2.9, 6.7.1, 6.7.7, 6.7.10				
November	2	Monday	Study Guide and Practice Test Standardized Test Practice					
		Tuesday	Chapter Assessment					
		Wednesday	Catch-Up Day					
		Thursday	4-1a Multiplying Decimals by Whole Numbers	6.2.3				
		Friday	4-1 Multiplying Decimals by Whole Numbers	6.5.10			7, 13, 18	21-23, 44-46, 56-57
November	3	Monday	4-2a Multiplying Decimals	6.2.3				
		Tuesday	4-2 Multiplying Decimals	6.2.3, 6.5.10			7, 13	21-23, 44-46
		Wednesday	4-3 Dividing Decimals by whole Numbers	6.2.3, 6.5.10			8, 14	24-26, 47-49
		Thursday	4-4a Dividing by Decimals	6.2.3				

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		Friday	4-4 Dividing Decimals	6.2.3, 6.5.10			8, 14	24-26, 47-49
November	4	Monday	4-4b Problem-Solving Strategy: Determine Reasonable Answers	6.2.9, 6.7.6				
		Tuesday	4-5 Perimeter	6.3.2, 6.3.5			4, 7, 21, 32	12-14, 21-23, 62-63, 84
		Wednesday	Catch-Up Day					
		Thursday	Thanksgiving					
		Friday	Thanksgiving					
December	1	Monday	4-6 Circumference	6.3.2, 6.5.4, 6.5.5			7	21-23
		Tuesday	Study Guide and Practice Test Standardized Test Practice					
		Wednesday	Chapter Assessment					
		Thursday	5-1 Greatest Common Factor	6.1.7			4, 8, 19	12-14, 24-26, 58-59
		Friday	5-2 Simplifying Fractions	6.1.7			19, 20, 24	58-59, 60-61, 68-69
December	2	Monday	5-3 Mixed Numbers and Improper Fractions	6.1.4	1	6.3.9, 6.7.1, 6.7.5	8, 16	24-26, 52-53
		Tuesday	5-4a Problem-Solving Strategy: Make an Organized List	6.7.1, 6.7.2	1	6.5.10, 6.7.3, 6.7.4		

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		Wednesday	5-4 Least Common Multiple	6.1.7	1	6.7.3, 6.7.4	7, 19	21-23, 58-59
		Thursday	5-5 Comparing and Ordering Fractions	6.1.3	1	6.7.1	2, 24	5-7, 68-69
		Friday	5-6 Writing Decimals as Fractions	6.1.4	1	6.2.3, 6.3.3, 6.3.4, 6.3.6, 6.5.10	1, 25	1-4, 70-71
December	3	Monday	5-7 Writing Fractions as Decimals	6.1.4, 6.1.5	2	6.3.2, 6.7.5	8	24-26
		Tuesday	Study Guide and Practice Test Standardized Test Practice		2	6.3.1, 6.3.2, 6.7.1, 6.7.3, 6.7.4		
		Wednesday	Chapter Assessment		2	6.6.1		
		Thursday	Catch-Up Day		2	6.2.7, 6.6.1, 6.7.7		
		Friday	Catch-Up Day		2	6.7.1, 6.7.2, 6.7.5		
January	1	Monday	6-1 Rounding Fractions and Mixed Numbers	6.7.6	3	6.6.1, 6.7.5	2	5-7
		Tuesday	6-2 Estimating Sums and Differences	6.2.10, 6.7.6	3	6.6.2	2, 11, 12	5-7, 36-39, 40-43
		Wednesday	6-2b Problem-Solving Strategy: Act It Out	6.2.10, 6.7.1, 6.7.2, 6.7.7, 6.7.9, 6.7.10, 6.7.11	3	6.6.3		
		Thursday	6-3 Adding and Subtracting Fractions with Like Denominators	6.2.5	3	6.6.3	25, 26	70-71, 72-73

Month	Week	Day	Student Edition Lesson	Indiana Academic Standards	Countdown to ISTEP+ Week	Indiana Academic Standards	Math Skills Maintenance Workbook Skill Number(s)	Page(s)
		Friday	6-4a Common Denominators	6.2.5	3	6.1.3		
January	2	Monday	6-4 Adding and Subtracting Fractions with Unlike Denominators	6.1.7, 6.2.5	4	6.1.4, 6.7.4, 6.7.5	25, 26, 27, 28, 29	70-71, 72-73, 74-75, 76-77, 78-79
		Tuesday	6-5 Adding and Subtracting Mixed Numbers	6.1.7, 6.2.5	4	6.1.3, 6.7.1, 6.7.4	25, 26, 27, 28, 29	70-71, 72-73, 74-75, 76-77, 78-79
		Wednesday	6-6 Subtracting Mixed Numbers with Renaming	6.1.7, 6.2.5	4	6.3.3, 6.5.10, 6.7.1, 6.7.4, 6.7.7, 6.7.9, 6.7.10	25, 26, 27, 28	70-71, 72-73, 74-75, 76-77
		Thursday	Study Guide and Practice Test Standardized Test Practice		4	6.2.9, 6.7.10		
		Friday	Chapter Assessment		4	6.7.5, 6.7.9, 6.7.10		
January	3	Monday	7-1 Estimating Products	6.2.10, 6.7.6	5	6.1.1	13	44-46
		Tuesday	7-2a Multiplying Fractions	6.2.4, 6.2.5	5	6.2.3, 6.5.10, 6.6.3, 6.7.9		
		Wednesday	7-2 Multiplying Fractions	6.1.7, 6.2.4, 6.2.5	5	6.2.3, 6.3.5, 6.5.10	20, 25, 26, 32	60-61, 70-71, 72-73, 84
		Thursday	7-3 Multiplying Mixed Numbers	6.1.7, 6.2.4, 6.2.5	5	6.2.3	20, 25, 26	60-61, 70-71, 72-73
		Friday	7-4a Dividing Fractions	6.2.4, 6.2.5	5	6.7.1		
January	4	Monday	7-4 Dividing Fractions	6.1.7, 6.2.4, 6.2.5	6	6.7.1, 6.7.9	20, 26	60-61, 72-73

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		Tuesday	7-5 Dividing Mixed Numbers	6.1.7, 6.2.4, 6.2.5	6	6.3.6, 6.6.3	14, 20, 25, 26, 33	47-49, 60-61, 70-71, 72-73, 85
		Wednesday	7-6a Problem-Solving Strategy: Look for a Pattern	6.7.1	6	6.2.3, 6.3.2, 6.5.5	10, 27, 28, 29	30-35, 74-75, 76-77, 78-79
		Thursday	Study Guide and Practice Test Standardized Test Practice		6	6.2.3, 6.3.2, 6.3.5, 6.5.5		
		Friday	Chapter Assessment		6	6.2.3, 6.3.5, 6.5.4, 6.5.5, 6.7.5		
February	1	Monday	8-1 Integers	6.1.1, 6.1.2, 6.1.3	7	6.7.1, 6.7.2, 6.7.4, 6.7.5	2, 39	5-7, 91
		Tuesday	8-2a Zero Pairs	6.1.1, 6.2.1	7	6.1.7, 6.6.1, 6.6.3		
		Wednesday	8-2 Adding Integers	6.2.1	7	6.1.4, 6.2.6	4, 31, 39	12-14, 82-83, 91
		Thursday	8-3 Subtracting Integers	6.2.1	7	6.5.9	2, 4, 5	5-7, 12-14, 15-17
		Friday	8-4 Multiplying Integers	6.2.2	7	6.1.7, 6.7.4, 6.7.5	7	21-23
February	2	Monday	8-5a Problem-Solving Strategy: Work Backward	6.7.1, 6.7.11	8	6.1.3, 6.1.4, 6.7.5		
		Tuesday	8-5 Dividing Integers	6.2.2	8	6.1.3, 6.1.4	8	24-26
		Wednesday	8-6 The Coordinate Plane	6.3.7	8	6.3.3, 6.7.1		

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		Thursday	Study Guide and Practice Test Standardized Test Practice		8	6.1.4		
		Friday	Chapter Assessment		8	6.3.5		
February	3	Monday	9-1a The Distributive Property	6.3.3, 6.3.6	9	6.1.7, 6.7.5		
		Tuesday	9-1 Properties	6.3.3, 6.3.4, 6.3.6, 6.7.7	9	6.1.4, 6.2.6, 6.2.7	10, 16, 17, 30, 31	30-35, 52-53, 54-55, 82-83, 84
		Wednesday	9-2a Solving Addition Equations Using Models	6.3.1	9	6.2.6, 6.6.1		
		Thursday	9-2 Solving Addition Equations	6.3.1	9	6.2.5	21, 22, 23, 31	62-63, 64-65, 66-67, 82-83
		Friday	9-3a Solving Subtraction Equations Using Models	6.3.1	9	6.7.5		
February	4	Monday	9-3 Solving Subtraction Equations	6.3.1	10	6.6.4, 6.7.5	5, 21, 22, 23, 35	15-17, 62-63, 64-65, 66-67, 87
		Tuesday	9-4 Solving Multiplication Equations	6.3.1, 6.3.5	10	6.2.3, 6.2.10, 6.5.10	8	24-26
		Wednesday	9-4b Solving Inequalities Using Models	6.3.1	10	6.2.5, 6.3.1		
		Thursday	9-5 Solving Two-Step Equations		10	6.2.5	10	30-35
		Friday	9-5b Problem-Solving Strategy: Write an Equation		10	6.1.3, 6.2.5		

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March	1	Monday	9-6 Functions	6.3.8, 6.3.9	11	6.3.5, 6.7.2, 6.7.5, 6.7.7	4, 38	12-14, 90
		Tuesday	9-7 Graphing Functions	6.3.7, 6.3.8, 6.3.9	11	6.3.5, 6.7.7	10	
		Wednesday	Study Guide and Practice Test Standardized Test Practice		11	6.2.3, 6.2.4, 6.7.10		
		Thursday	Chapter Assessment		11	6.7.7		
		Friday	Catch-Up Day		11	6.2.4, 6.2.5, 6.7.5		
March	2	Monday	10-1 Ratios	6.1.6, 6.2.6	12	6.2.4, 6.2.5, 6.7.5	24, 25	68-69, 70-71
		Tuesday	10-2 Solving Proportions	6.2.7	12	6.2.4, 6.2.5, 6.3.5	9, 24, 25	27-29, 68-69, 70-71
		Wednesday	10-3 Scale Drawings and Models	6.2.7	12	6.2.4, 6.2.5	24	68-69
		Thursday	10-4 Modeling Percents		12	6.2.9		
		Friday	10-5 Percents and Fractions	6.1.4, 6.2.7	12	6.7.1, 6.7.5	20, 25	60-61, 70-71
March	3	Monday	10-6 Percents and Decimals	6.1.4	13	6.1.7, 6.7.5		
		Tuesday	10-7a Percent of a Number	6.2.8	13	6.1.1, 6.6.2		
		Wednesday	10-7 Percent of a Number	6.1.4, 6.2.8	13	6.1.1, 6.1.3, 6.2.1	26	72-73

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		Thursday	10-8a Problem-Solving Strategy: Solve a Simpler Problem	6.7.1, 6.7.3, 6.7.4	13	6.1.1, 6.2.1		
		Friday	10-8 Estimating with Percents	6.1.4, 6.1.5, 6.2.8, 6.7.6	13	6.1.1, 6.2.1, 6.7.5	3	8-11
March	4	Monday	Study Guide and Practice Test Standardized Test Practice		14	6.1.1, 6.2.2, 6.7.5		
		Tuesday	Chapter Assessment		14	6.1.4, 6.2.2, 6.7.1		
		Wednesday	11-1a Simulations	6.6.5	14	6.1.3, 6.3.7		
		Thursday	11-1 Theoretical Probability	6.6.4, 6.6.5, 6.6.6	14	6.3.7	22, 25	64-65, 70-71
		Friday	11-1b Experimental and Theoretical Probability	6.6.6	14	6.3.8		
April	1	Monday	11-2 Outcomes	6.6.4, 6.6.6	15	6.3.2, 6.3.4, 6.7.5	25	70-71
		Tuesday	11-3 Making Predications	6.6.5, 6.6.6	15	6.3.2	25	70-71
		Wednesday	11-4 Probability and Area	6.6.4, 6.6.5, 6.6.6	15	6.3.2, 6.7.1, 6.7.2	20, 25	60-61, 70-71
		Thursday	11-5a Problem-Solving Strategy: Make a Table	6.7.1	15	6.3.1		
		Friday	11-5 Probability of Independent Events	6.6.4, 6.6.5, 6.6.6	15	6.1.4, 6.2.6, 6.7.5	25	70-71

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April	2	Monday	Study Guide and Practice Test Standardized Test Practice		16	6.3.2		
		Tuesday	Chapter Assessment		16	6.3.2, 6.7.1		
		Wednesday	12-1a Area and Perimeter	6.5.1	16	6.2.2, 6.3.1		
		Thursday	12-1 Length in the Customary System	6.5.1, 6.5.2	16	6.3.2	32	84
		Friday	12-2 Capacity and Weight in the Customary System	6.5.1	16	6.7.1	32, 33, 34, 35	84, 85, 86, 87
April	3	Monday	12-3a The Metric System	6.5.1	17	6.1.6, 6.2.6, 6.7.5		
		Tuesday	12-3 Length in the Metric System	6.5.1, 6.5.2	17	6.2.2, 6.2.7, 6.7.1	32, 35	84, 87
		Wednesday	12-3b Significant Digits	6.5.6, 6.7.6	17	6.2.7		
		Thursday	12-4 Mass and Capacity in the Metric System	6.5.1	17	6.1.4	33, 34, 36, 37, 38	85, 86, 88, 89, 90
		Friday	12-4b Problem-Solving Strategy: Use Benchmarks	6.7.2	17	6.2.3		
April	4	Monday	12-5 Changing Metric Units	6.5.1, 6.5.2	18	6.1.4, 6.2.8, 6.7.5	38, 40	90, 92
		Tuesday	12-6 Measures of Time	6.5.1, 6.5.9	18	6.2.3, 6.3.1		

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		Wednesday	Study Guide and Practice Test Standardized Test Practice		18	6.2.8		
		Thursday	Chapter Assessment		18	6.2.7, 6.2.8		
		Friday	Catch-Up Day		18	6.7.5, 6.7.7		
May	1	Monday	13-1 Angles	6.4.1, 6.4.2, 6.5.1	19	6.6.6, 6.7.5		
		Tuesday	13-2 Using Angle Measure	6.5.1	19	6.1.3, 6.1.4		
		Wednesday	13-3a Construct Congruent Segments and Angles		19	6.6.4		
		Thursday	13-3 Bisectors		19	6.6.5		
		Friday	13-4a Problem-Solving Strategy: Draw a Diagram	6.7.1	19	6.6.6, 6.7.5		
May	2	Monday	13-4 Two-Dimensional Figures	6.4.3, 6.4.4	20	6.6.5, 6.7.5		
		Tuesday	13-5 Lines of Symmetry	6.4.6	20	6.2.3, 6.5.5, 6.6.6		
		Wednesday	13-5b Transformations	6.4.6	20	6.6.4, 6.6.6		
		Thursday	13-6 Similar and Congruent Figures	6.4.5	20	6.2.4, 6.7.7		

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		Friday	Study Guide and Practice Test Standardized Test Practice		20	6.6.4, 6.6.6, 6.7.5		
May	3	Monday	Chapter Assessment		21	6.2.3, 6.5.10, 6.7.1, 6.7.3, 6.7.4, 6.7.5		
		Tuesday	Catch-Up Day		21	6.2.5		
		Wednesday	14-1 Area of Parallelograms	6.3.2, 6.3.5, 6.5.3	21	6.5.1	7, 26, 32	21, 72-73, 84
		Thursday	14-2a Area of Triangles		21	6.5.2		
		Friday	14-2 Area of Triangles	6.3.2, 6.3.5	21	6.5.1, 6.7.5	7	21
May	4	Monday	14-2b Area of Trapezoids	6.3.2, 6.3.5	22	6.4.1, 6.4.2		
		Tuesday	14-3 Area of Circles	6.3.2, 6.3.5, 6.5.4, 6.5.5	22	6.4.1, 6.4.2, 6.6.6	18	56-57
		Wednesday	14-3b Making Circle Graphs	6.6.1	22	6.2.4, 6.5.1		
		Thursday	14-4 Three-Dimensional Figures		22	6.4.6, 6.5.1		
		Friday	14-5a Problem-Solving Strategy: Make a Model	6.7.1, 6.7.11	22	6.2.9, 6.7.6		
June	1	Monday	14-5 Volume of Rectangular Prisms	6.3.2, 6.3.5, 6.5.3, 6.5.8	23	6.5.3, 6.7.5	7	21-23
		Tuesday	14-6 Surface Area of Rectangular Prisms	6.3.2, 6.3.5, 6.5.7, 6.5.8	23	6.4.5	10, 17	30-35, 54-55

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		Wednesday	Study Guide and Practice Test Standardized Test Practice		23	6.4.4, 6.4.7		
		Thursday	Chapter Assessment		23	6.5.8		
		Friday	Catch-Up Day		23	6.5.8		