

## Contents in Brief and Suggested Pacing for *Glencoe Math, Course 2*

Contents	Pacing (Days)
Chapter 1 Ratios and Proportional Reasoning	16
Chapter 2 Percents	16
Unit 1 Project Become a Travel Expert <i>optional</i>	2
Chapter 3 Integers	14
Chapter 4 Rational Numbers	15
Unit 2 Project Explore the Ocean Depths <i>optional</i>	2
Chapter 5 Expressions	17
Chapter 6 Equations and Inequalities	18
Unit 3 Project Stand Up and Be Counted <i>optional</i>	2
Chapter 7 Geometric Figures	15
Chapter 8 Measure Figures	19
Unit 4 Project Turn Over a New Leaf <i>optional</i>	2
Chapter 9 Probability	15
Chapter 10 Statistics	13
Unit 5 Project Math Genes <i>optional</i>	2
<b>Total Days</b> (including Projects)	168
<b>Total Days</b> (not including Projects)	158

# Chapter 1

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
<b>Unit 1: Project Preview</b>	0.5
Chapter Opener	1
<b>Inquiry Lab: Unit Rates</b>	0.5
<b>Lesson 1</b> Rates	1
<b>Lesson 2</b> Complex Fractions and Unit Rates	1
<b>Lesson 3</b> Convert Unit Rates	1
<b>Lesson 4</b> Proportional and Nonproportional Relationships	1
<b>Problem-Solving Investigation: The Four-Step Plan</b>	1
Mid-Chapter Check	0.5
<b>Lesson 5</b> Graph Proportional Relationships	1
<b>Inquiry Lab: Proportional and Nonproportional Relationships</b>	0.5
<b>Lesson 6</b> Solve Proportional Relationships	1
<b>Inquiry Lab</b> Rate of Change	0.5
<b>Lesson 7</b> Constant Rate of Change	1
<b>Lesson 8</b> Slope	1
<b>Lesson 9</b> Direct Variation	1
<b>21st Century Careers: Biomechanical Engineer</b>	0.5
Chapter Review	1
Chapter Test	1
<b>Total Days for Chapter 1</b>	<b>16</b>

# Chapter 2

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Inquiry Lab</b> Percent Diagrams	1
<b>Lesson 1</b> Percent of a Number	1
<b>Lesson 2</b> Percent and Estimation	1
<b>Inquiry Lab</b> Find Percents	0.5
<b>Lesson 3</b> The Percent Proportion	1
<b>Lesson 4</b> The Percent Equation	1
<b>Problem-Solving Investigation:</b> Determine Reasonable Answers	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Percent of Change	0.5
<b>Lesson 5</b> Percent of Change	1
<b>Lesson 6</b> Sales Tax, Tips, and Markups	1.5
<b>Lesson 7</b> Discount	1
<b>Lesson 8</b> Financial Literacy: Simple Interest	1
<b>Inquiry Lab</b> Compound Interest	0.5
<b>21st Century Careers:</b> Video Game Designer	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 1 Project:</b> Become a Travel Expert	2
<b>Total Days for Chapter 2</b>	<b>18</b>

# Chapter 3

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
<b>Unit 2: Project Preview</b>	0.5
Chapter Opener	1
<b>Lesson 1</b> Integers and Absolute Value	1
<b>Inquiry Lab</b> Add Integers	1
<b>Lesson 2</b> Add Integers	1
<b>Inquiry Lab</b> Subtract Integers	1
<b>Lesson 3</b> Subtract Integers	1
<b>Inquiry Lab</b> Distance on a Number Line	0.5
<b>Problem-Solving Investigation:</b> Look for a Pattern	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Multiply Integers	0.5
<b>Lesson 4</b> Multiply Integers	1
<b>Inquiry Lab</b> Use Properties to Multiply	0.5
<b>Lesson 5</b> Divide Integers	1
<b>21st Century Careers:</b> Space Weather Forecaster	0.5
Chapter Review	1
Chapter Test	1
<b>Total Days for Chapter 3</b>	14

# Chapter 4

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Inquiry Lab</b> Rational Numbers on the Number Line	0.5
<b>Lesson 1</b> Terminating and Repeating Decimals	1
<b>Lesson 2</b> Compare and Order Rational Numbers	1
<b>Inquiry Lab</b> Add and Subtract on the Number Line	1
<b>Lesson 3</b> Add and Subtract Like Fractions	1
<b>Lesson 4</b> Add and Subtract Unlike Fractions	1
<b>Lesson 5</b> Add and Subtract Mixed Numbers	1
<b>Problem-Solving Investigation:</b> Draw a Diagram	1
Mid-Chapter Check	0.5
<b>Lesson 6</b> Multiply Fractions	1
<b>Lesson 7</b> Convert Between Systems	1.5
<b>Lesson 8</b> Divide Fractions	1
<b>21st Century Careers:</b> Fashion Designer	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 2 Project:</b> Explore the Ocean Depths	2
<b>Total Days for Chapter 4</b>	<b>17</b>

# Chapter 5

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Inquiry Lab</b> Percent Diagrams	1
<b>Lesson 1</b> Percent of a Number	1
<b>Lesson 2</b> Percent and Estimation	1
<b>Inquiry Lab</b> Find Percents	0.5
<b>Lesson 3</b> The Percent Proportion	1
<b>Lesson 4</b> The Percent Equation	1
<b>Problem-Solving Investigation:</b> Determine Reasonable Answers	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Percent of Change	0.5
<b>Lesson 5</b> Percent of Change	1
<b>Lesson 6</b> Sales Tax, Tips, and Markups	1.5
<b>Lesson 7</b> Discount	1
<b>Lesson 8</b> Financial Literacy: Simple Interest	1
<b>Inquiry Lab</b> Compound Interest	0.5
<b>21st Century Careers:</b> Video Game Designer	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 1 Project:</b> Become a Travel Expert	2
<b>Total Days for Chapter 2</b>	18

# Chapter 6

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Inquiry Lab</b> Solve One-Step Addition and Subtraction Equations	1
<b>Lesson 1</b> Solve One-Step Addition and Subtraction Equations	1
<b>Inquiry Lab</b> Multiplication Equations with Bar Diagrams	0.5
<b>Lesson 2</b> Multiplication and Division Equations	1
<b>Inquiry Lab</b> Solve Equations with Rational Coefficients	0.5
<b>Lesson 3</b> Solve Equations with Rational Coefficients	1
<b>Inquiry Lab</b> Solve Two-Step Equations	1
<b>Lesson 4</b> Solve Two-Step Equations	1
<b>Inquiry Lab</b> More Two-Step Equations	1
<b>Lesson 5</b> More Two-Step Equations	1
<b>Problem-Solving Investigation:</b> Work Backward	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Solve Inequalities	1
<b>Lesson 6</b> Solve Inequalities by Addition or Subtraction	1
<b>Lesson 7</b> Solve Inequalities by Multiplication or Division	1
<b>Lesson 8</b> Solve Two-Step Inequalities	1
<b>21st Century Careers:</b> Veterinary Technician	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 3 Project:</b> Stand Up and Be Counted	2
<b>Total Days for Chapter 6</b>	20

# Chapter 7

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
<b>Unit 4: Project Preview</b>	0.5
Chapter Opener	1
<b>Lesson 1</b> Classify Angles	1
<b>Lesson 2</b> Complementary and Supplementary Angles	1
<b>Inquiry Lab</b> Create Triangles	1
<b>Lesson 3</b> Triangles	1
<b>Inquiry Lab</b> Draw Triangles	1
<b>Problem-Solving Investigation:</b> Make a Model	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Investigate Online Maps and Scale Drawings	1
<b>Lesson 4</b> Scale Drawings	1
<b>Inquiry Lab</b> Scale Drawings	0.5
<b>Lesson 5</b> Draw Three-Dimensional Figures	1
<b>Lesson 6</b> Cross Sections	1
<b>21st Century Careers:</b> Roller Coaster Designer	0.5
Chapter Review	1
Chapter Test	1
<b>Total Days for Chapter 7</b>	15



# Chapter 8

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Inquiry Lab</b> Circumference	0.5
<b>Lesson 1</b> Circumference	1
<b>Inquiry Lab</b> Area of Circles	0.5
<b>Lesson 2</b> Area of Circles	1
<b>Lesson 3</b> Area of Composite Figures	1.5
<b>Lesson 4</b> Volume of Prisms	1
<b>Problem-Solving Investigation:</b> Solve a Simpler Problem	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Volume of Pyramids	1
<b>Lesson 5</b> Volume of Pyramids	1
<b>Inquiry Lab</b> Nets of Three-Dimensional Figures	1
<b>Lesson 6</b> Surface Area of Prisms	1
<b>Inquiry Lab</b> Relate Surface Area and Volume	1
<b>Lesson 7</b> Surface Area of Pyramids	1
<b>Inquiry Lab</b> Composite Figures	1
<b>Lesson 8</b> Volume and Surface Area of Composite Figures	1.5
<b>21st Century Careers:</b> Landscape Architect	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 4 Project:</b> Turn Over a New Leaf	2
<b>Total Days for Chapter 8</b>	21

# Chapter 9

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
<b>Unit 5: Project Preview</b>	0.5
Chapter Opener	1
<b>Lesson 1</b> Probability of Simple Events	1
<b>Inquiry Lab</b> Relative Frequency	0.5
<b>Lesson 2</b> Theoretical and Experimental Probability	1
<b>Inquiry Lab</b> Fair and Unfair Games	0.5
<b>Lesson 3</b> Probability of Compound Events	1
<b>Lesson 4</b> Simulations	1
<b>Inquiry Lab</b> Simulate Compound Events	1
<b>Problem-Solving Investigation:</b> Act it Out	1
Mid-Chapter Check	0.5
<b>Lesson 5</b> Fundamental Counting Principle	1
<b>Lesson 6</b> Permutations	1
<b>Inquiry Lab</b> Independent and Dependent Events	0.5
<b>Lesson 7</b> Independent and Dependent Events	1
<b>21st Century Careers:</b> Pediatrician	0.5
Chapter Review	1
Chapter Test	1
<b>Total Days for Chapter 9</b>	15

# Chapter 10

## Chapter Contents and Suggested Pacing

Contents	Pacing (Days)
Chapter Opener	1
<b>Lesson 1</b> Make Predictions	1
<b>Lesson 2</b> Unbiased and Biased Samples	1
<b>Inquiry Lab</b> Multiple Samples of Data	1
<b>Lesson 3</b> Misleading Graphs and Statistics	1
<b>Problem Solving Investigation:</b> Use a Graph	1
Mid-Chapter Check	0.5
<b>Inquiry Lab</b> Collect Data	0.5
<b>Lesson 4</b> Compare Populations	2
<b>Inquiry Lab</b> Visual Overlap of Data Distributions	0.5
<b>Lesson 5</b> Select an Appropriate Display	1
<b>21st Century Careers:</b> Market Research Analyst	0.5
Chapter Review	1
Chapter Test	1
<b>Unit 5 Project:</b> Math Genes	2
<b>Total Days for Chapter 10</b>	15