Pacing Guide

Unit 1: Whole Numbers

1.1 Introduction to Whole Numbers
1.2 Place Value of Whole Numbers
1.3 Rounding Whole Numbers
1.4 Roman Numerals
1.5 Patterns
Unit 1 Review
Unit 1 Test

Unit 1 Completion – 7 Days

Unit 2: Integers

2.1 Introduction to Integers
2.2 Integers and Absolute Value
2.3 Graphing Integers on a Number Line
2.4 Comparing and Ordering Integers
2.5 Adding Integers
2.6 Subtracting Integers
2.7 Multiplying Integers
2.8 Dividing Integers
Unit 2 Review
Unit 2 Test

Unit 2 Completion – 10 Days

Unit 3: Variables and Expressions

Unit 3 Completion – 11 Days

Unit 4: Rational Numbers

Unit 4 Completion – 10 Days

Unit 5: Fractions

5.1 Introduction to Fractions
5.2 Equivalent Fractions and Simplifying
5.3 Improper Fractions and Mixed Numbers
5.4 Multiplying Fractions
5.5 Reciprocals and Dividing Fractions
5.6 Relating Multiplication and Division
5.7 Cancelling to Simplify Multiplication and Division
5.8 Adding and Subtracting Fractions with Like Denominators
5.9 Comparing Fractions and Common Denominators
5.10 Adding and Subtracting Fractions with Unlike Denominators
Unit 5 Review
Unit 5 Test

Unit 5 Completion – 12 Days

Unit 6: Equations

6.1 Introduction to Equations
6.2 Problem Solving with Equations
6.3 Solving Equations Using Addition and Subtraction
6.4 Solving Equations Using Multiplication and Division
6.5 Solving Equations Using Reciprocals
6.6 Solving Multistep Equations with Variables on Both Sides
6.7 Solving Multistep Equations with Fractions
6.8 Writing Equations

Unit 6 Completion – 10 Days

Unit 7: Inequalities

Unit 7 Completion – 8 Days

Unit 8: The Coordinate Plane

Unit 8 Review

Unit 8 Test

Unit 8 Completion – 12 Days

Pre-Algebra Midterm

Midterm Review – 3 Days

Midterm Exam – 1 Day

Midterm Completion – 4 Days

Unit 9: Decimals

9.1 Introduction to Decimals

9.2 Decimals and Estimation

9.3 Decimals to Fractions

9.4 Fractions to Decimals

9.5 Scientific Notation

9.6 Repeating and Terminating Decimals

Unit 9 Review

Unit 9 Test

Unit 9 Completion – 8 Days

Unit 10: Percent

10.1 Introduction to Percent

10.2 Decimals and Percent

Unit 10 Completion – 9 Days

Unit 11: Polynomials

Unit 11 Completion – 7 Days

Unit 12: Triangles

Unit 12 Completion – 6 Days

Unit 13: 2D Geometry

13.1 Introduction to 2D Geometry
13.2 Parallel and Perpendicular Lines
13.3 Classifying Polygons
13.4 Interior Angles of Polygons
13.5 Exterior Angles of Polygons
13.6 Perimeter
13.7 Area
13.8 Circumference of a Circle
13.9 Area of a Circle
13.10 Area of Irregular Shapes
13.11 Perimeter of Irregular Shapes
Unit 13 Review
Unit 13 Test

Unit 13 Completion – 13 Days

Unit 14: Surface Area and Volume

14.1 Introduction to 3D Geometry
14.2 Surface Area of a Rectangular Prism
14.3 Surface Area of Pyramids
14.4 Surface Area of Cylinders
14.5 Volume of Rectangular Prisms
14.6 Volume of Cylinders and Triangular Prisms
14.7 Volume of Pyramids and Cones
14.8 Volume and Surface Area of a Sphere

Unit 14 Completion – 10 Days

Unit 15: Analyzing Data

Unit 15 Completion – 10 Days

Unit 16: Probability

Unit 16 Test

Unit 16 Completion – 9 Days

Pre-Algebra Final Exam

Final Exam Review – 3 Days

Final Exam – 1 Day

Final Exam Completion – 4 Days

Note: One day is allotted for each lesson, unit test and unit review.

Total: 160 Days

32 five-day weeks or 40 four-day weeks