

## Pacing Guide

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### Unit 1: Number Sense

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- 1.1 Introduction to Numbers
- 1.2 Base Ten and Place Value
- 1.3 Place Value Part II
- 1.4 Natural and Whole Numbers
- 1.5 Comparing
- 1.6 Rounding
- 1.7 Estimating
- Unit 1 Review
- Unit 1 Test

### Unit 1 Completion – 9 Days

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### Unit 2: Operations with Numbers

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- 2.1 Introduction to Addition and Subtraction
- 2.2 Multi-Digit Addition
- 2.3 Multi-Digit Addition Part II
- 2.4 Multi-Digit Subtraction
- 2.5 Multi-Digit Subtraction Part II
- 2.6 Introduction to Multiplication
- 2.7 Multiplying 10's 100's & 1000's
- 2.8 Multi-Digit Multiplication
- 2.9 Multiplying 2-Digit Numbers
- 2.10 Multiplying 3-Digit Numbers

Unit 2 Review

Unit 2 Test

## **Unit 2 Completion – 12 Days**

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### **Unit 3: Division**

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3.1 Introduction to Division

3.2 Simple Division

3.3 Long Division

3.4 Long Division with 3 & 4 Digits

3.5 Long Division with 2-Digit Divisors

3.6 Division with Remainders

3.7 Division with Remainders Part II

Unit 3 Review

Unit 3 Test

## **Unit 3 Completion – 9 Days**

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### **Unit 4: Integers**

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4.1 Introduction to Integers

4.2 Integers on a Number Line

4.3 Comparing Integers

4.4 Absolute Value

4.5 Adding Integers

4.6 Subtracting Integers

4.7 Multiplying Integers

4.8 Dividing Integers

Unit 4 Review

Unit 4 Test

## **Unit 4 Completion – 10 Days**

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### **Unit 5: Exponents**

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5.1 Introduction to Exponents

5.2 Expanded and Exponential Form

5.3 Expanded and Exponential Form Part II

5.4 Calculating Exponents

5.5 Negative Numbers with Exponents

5.6 Exponents of 1 and 0

5.7 Exponents in the Real World

Unit 5 Review

Unit 5 Test

## **Unit 5 Completion – 9 Days**

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### **Unit 6: Order of Operations**

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6.1 Introduction to Order of Operations

6.2 Order of Operations with Parentheses

6.3 Commutative Property of Addition

6.4 Commutative Property of Multiplication

6.5 Associative Property

6.6 Fact Families

Unit 6 Review

Unit 6 Test

## Unit 6 Completion – 8 Days

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### Unit 7: Factors and Multiples

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- 7.1 Introduction to Factors
- 7.2 Divisibility
- 7.3 Divisibility Part II
- 7.4 Prime Factorization
- 7.5 Greatest Common Factor
- 7.6 Multiples
- 7.7 Lowest Common Multiple
- Unit 7 Review
- Unit 7 Test

## Unit 7 Completion – 9 Days

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### Foundations Midterm

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- Midterm Exam Review – 3 Days
- Midterm Exam – 1 Day

## Midterm Completion – 4 Days

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### Unit 8: Fractions

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- 8.1 Introduction to Fractions
- 8.2 Equivalent Fractions
- 8.3 Simplifying Fractions

8.4 Comparing Fractions  
8.5 Ordering Fractions  
8.6 Adding and Subtracting Fractions  
8.7 Adding and Subtracting Fractions Part II  
8.8 Multiplying Fractions  
8.9 Dividing Fractions  
8.10 Dividing Using Reciprocals  
Unit 8 Review  
Unit 8 Test

### **Unit 8 Completion – 12 Days**

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## **Unit 9: Mixed and Improper Fractions**

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9.1 Introduction to Mixed and Improper Fractions  
9.2 Converting Improper to Mixed Fractions  
9.3 Converting Mixed to Improper Fractions  
9.4 Comparing Improper and Proper Fractions  
9.5 Comparing Mixed and Improper Fractions  
9.6 Adding and Subtracting Improper Fractions  
9.7 Adding and Subtracting Mixed Fractions  
9.8 Adding and Subtracting Mixed Fractions Part II  
9.9 Subtracting Fractions with Whole Numbers and Regrouping  
9.10 Multiplying Mixed and Improper Fractions  
9.11 Dividing Mixed and Improper Fractions  
9.12 Negative Fractions  
Unit 9 Review  
Unit 9 Test

### **Unit 9 Completion – 14 Days**

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## Unit 10: Decimals

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- 10.1 Introduction to Decimals
- 10.2 Place Value of Decimals
- 10.3 Rounding Decimals
- 10.4 Comparing Decimals
- 10.5 Adding Decimals
- 10.6 Subtracting Decimals
- 10.7 Multiplying Decimals
- 10.8 Dividing Decimals
- 10.9 Dividing Decimals Without Remainders
- 10.10 Terminating and Repeating Decimals
- 10.11 Converting Fractions to Decimals
- 10.12 Converting Decimals to Fractions
- Unit 10 Review
- Unit 10 Test

**Unit 10 Completion – 14 Days**

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## Unit 11: Ratio and Percent

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- 11.1 Introduction to Ratios
- 11.2 Ratio and Proportion
- 11.3 Unit Rate
- 11.4 Unit Price
- 11.5 Percent
- 11.6 Percent Part II
- 11.7 Finding the Percent of a Number
- 11.8 Discount, Sales and Tax

Unit 11 Review

Unit 11 Test

## **Unit 11 Completion – 10 Days**

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### **Unit 12: Geometry**

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12.1 Introduction to Geometry

12.2 Points, Lines and Length

12.3 Measuring Angles

12.4 Types of Angles

12.5 Triangles

12.6 Squares and Rectangles

12.7 Rhombuses and Parallelograms

12.8 Perimeter

12.9 Introduction to Area

12.10 Area of Squares and Rectangles

12.11 Area of Triangles

Unit 12 Review

Unit 12 Test

## **Unit 12 Completion – 13 Days**

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### **Unit 13: Data Management**

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13.1 Introduction to Data Management

13.2 Mode

13.3 Median

13.4 Mean

13.5 Pictographs

13.6 Bar Graphs

13.7 Line Graphs

13.8 Scatter Plots

13.9 Stem and Leaf Plots

Unit 13 Review

Unit 13 Test

### **Unit 13 Completion – 11 Days**

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#### **Foundations Final Exam**

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Final Exam Review – 5 Days

Final Exam – 1 Day

### **Final Exam Completion – 6 Days**

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

**Total: 150 Days**

30 five-day weeks or 37.5 four-day weeks