



PAREF Southcrest

MATHEMATICS 6 Topic Outline

First Quarter

Chapter 1: Exponents

1. Exponential Notation
2. Mixed Operations

Chapter 2: Algebra

1. Algebraic Equations
2. Problem Solving

Chapter 3: Fractions

1. Division of Fractions by Fractions
2. Division of Mixed Numbers
3. Problem Solving



MATHEMATICS 6 Topic Outline

Second Quarter

Chapter 4: Decimals

1. Addition and Subtraction of Decimals
2. Multiplication of Decimals
3. Terminating and Non-terminating Decimals
4. Division of Decimals
5. Mixed Calculation with Fractions and Decimals
6. Mixed Operations on Decimals
7. Problem Solving

Chapter 5: Solid Shapes

1. Prisms and Pyramids
2. Cylinders, Cones and Spheres
3. Nets
4. Problem Solving



MATHEMATICS 6 Topic Outline

Third Quarter

Chapter 6: Ratio

1. Ratio and Fractions
2. Proportions
3. Problem Solving

Chapter 7: Patterns

1. Writing the Rule of a Number Pattern

Chapter 8: Integers

1. Understanding Integers
2. Four Operations on Integers
3. Problem Solving

Chapter 9: Percent

1. Part of a Whole as a Percent
2. One Quantity as a Percentage of Another
3. Problem Solving



MATHEMATICS 6 Topic Outline

Fourth Quarter

Chapter 10: Speed

1. Speed and Average Speed
2. Problem Solving

Chapter 11: Circles

1. Radius and Diameter
2. Circumference
3. Area
4. Problem Solving

Chapter 12: Graphs

1. Pie Charts
2. Problem Solving

Chapter 13: Surface Area and Volume of Solids

1. Total Surface Area of Solids
2. Volume of Solids
3. Problem Solving

Chapter 14: Electric and Water Meter Readings

1. Reading Electric and Water Meters
2. Problem Solving

Chapter 15: Probability

1. Finding Probability
2. Problem Solving