

# SAT MATH COURSE PATTERN

Diagnostic Test discussion before the course starts.

## Hour – 1:

Introduction about SAT: Test Pattern, Question Types, Syllabus.

**Chapter 1: Heart of Algebra:** Linear Equations, Linear Inequalities, Linear Functions in Context.

## Hour – 2:

Systems of Linear Equations and Inequalities in Context.

Solving Systems of Linear Equations and Inequalities.

## Hour – 3:

**Chapter 2: Problem Solving and Data Analysis:** Ratios, Proportions, Unit Conversions.

## Hour – 4:

Percents, Percent Growth, Percent Decay.

## Hour – 5:

**Data Analysis:**

Mean, Median, Mode.

## Hour – 6:

Interpreting Relationships presented in Scatter plots,

Tables, Graphs and Equations.

## Hour – 7:

**Chapter 3: Passport to Advanced Math:**

Operations with Polynomials and Rewriting Expressions.

**Hour – 8:**

Quadratic Functions and Equations.

**Hour – 9:**

Exponential Functions, Equations and Exponents and Radicals.

**Hour – 10:**

Function Notation, Interpreting and Analyzing more complex Equations in Context.

**Hour – 11:**

**Chapter 4: Additional Topics in Math:**

Geometry.

**Hour – 12:**

Coordinate Geometry.

**Hour – 13:**

Trigonometry and Radians, Complex Numbers.

**Hour – 14:**

Exit Test Feedback.

Last minute Tips and Tricks.