

Yearly Syllabus Break up (160 days)

eLe Class vi
Each term has 40 days

Maths

First Term Syllabus

Ratio, Rates & Percentage

Intro to ratios
Visualize ratios
Ratio application
Intro to rates
Intro to percentage
Percent, decimal, fraction conversions
Percent problems
Percent word problems

Arithmetic Operation

Fractions (Proper & Improper)
Division & Multiplication fractions by fractions
Division of Fraction by whole numbers
Intro to decimals & Conversion of Fractions to Decimals and vice versa
Adding decimals & Subtracting decimals
Adding and subtracting decimals word problems
Multiplication & Division of decimals
Exponents
Order of operations

Assessment Papers For First Term

Second Term Syllabus

Negative Numbers

Intro to negative numbers
Negative decimals & fractions on the number line
Number opposites
Comparing negative numbers
Absolute value
Coordinate plane

Properties of Numbers

Properties of numbers
Whole numbers & integers
Least common multiple
Greatest common factor

Assessment Papers For Second Term

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Third Term Syllabus

Variables & expressions

Parts of algebraic expressions
Substitution & evaluating expressions
Expression value intuition
Evaluating expressions word problems
Writing algebraic expressions introduction
Writing basic algebraic expressions word problems
Combining like terms
Distributive property with variables
Equivalent expressions

Equations & Inequalities Introduction

Algebraic equations basics
One-step equations intuition
One-step addition & subtraction equations
One-step multiplication and division equations
Finding mistakes in one-step equations
One-step equation word problems
Intro to inequalities with variables
Dependent and independent variables

Assessment Papers For Third Term

Fourth Term Syllabus

Financial Arithmetic

Profit
Loss
Discount

Fundamentals of Geometry

Line segments
Construction of angles
Construction of triangles

Perimeter and area

Perimeter and area

Assessment Papers For Fourth Term

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