Yearly Syllabus Break up (160 days)

eLe Class vi

Each term has 40 days

Maths

First Term Syllabus

Sets and subsets

Proper and improper subsets

Whole numbers

Natural numbers
Whole number on a line
Addition, Subtraction

Multiplication

Distributive property of multiplication over addition
Baking brownies
Types of natural numbers
Divisibility test

Introduction of prime factorization

Three method of prime factorization

Highest common factor (HCF)

Division method
Least common multiple (LCM)
LCM by division method
Real life application of LCM/HCF

Integers

Representation of integers – The number line
Ordering of integers
Absolute value
Subtraction of integers on number line
Multiplication of integer
Division of integers

Assessment Papers For First Term

Second Term Syllabus

Brackets and its types (BODMA)

Arithmetic expressions
Fractions expressions
Order of operation involving decimals
How to solve different unit of quantities
The ratio has no units
Reduce the given ration into the lowest form
Means and extremes
Direct and inverse proportion

Percentage

Converting percentage into fractions
Converting fractions in percentage
Converting percentage into decimals
Converting decimals into percentage
Comparing quantities
Comparing numbers using percentage
Selling, cost price, profit and loss

Problem solving of selling, cost price and profit

Profit
Loss

Assessment Papers For Second Term

Third Term Syllabus

How to letters replaces numbers
Define variable in algebra expressions

Algebraic expressions

Like and unlike terms
Add / subtract algebraic expressions
Addition of algebraic expressions
Subtract algebraic expressions
Add / Subtract horizontally
Simplify the expressions involving brackets
Solving known variables
Ahmed's break fast
Difference of expression and equation
Algebraic expression
A linear equation

Fraction equation

Equation decimals
Word problems
Revision of expressions and equations

Line segment, rays and angles

Bisecting line segment
Perpendicular bisector
Draw perpendicular and a line segment
Perpendicular
Angles
Construction of angles
Types of angles
Construction and bisecting of angles
Construction of triangles
Construction of triangle ASA and RHS
Revision

Assessment Papers For Third Term

Fourth Term Syllabus

Perimeter

Perimeter of irregular shape
Finding area of the shapes
Area of irregular shapes
Practice finding area of perimeters
Area of shaded part
Area of regular shapes
Composite shapes
Area of trapezium
Perimeter of irregular shapes
Polygon
Quadrilateral
Revision

Three dimensional solids

Surface of a cuboid
Surface area and volume of cuboids

Information handling

Tele marketing
Representation of data
Graph of data
Pie graph

Grouped

Grouped and ungrouped data
Range
How to draw bar graph with group data
Perimeter
Revision

Assessment Papers For Fourth Term