

MITCON International School

Syllabus (2019-2020)

Grade: V

Subject: Mathematics

Month	TOPIC	SUB-TOPICS
April	1.7- Digit Numbers	<ul style="list-style-type: none"> • Count by 1,00,000 • Indian International Number system • Arranging numbers in order • Roman Numerals
	2.Adding and Subtracting Numbers	<ul style="list-style-type: none"> • Adding 5- digit numbers • Subtracting 5-digit Numbers • Estimating the Sum and the Difference • Solving Multi-step Problems
	3.Multiplying Numbers	<ul style="list-style-type: none"> • Multiplying 3-digit Numbers by 3- digit Numbers • Multiplying 4-digit Numbers by 1-digit numbers • Multiplying 4-digit Numbers by 2- digit Numbers • Estimating the product
June	4.Dividing 4-digit by 2-digit Numbers	<ul style="list-style-type: none"> • Dividing by Multiples of 10 • Dividing without remainders • Dividing with Remainders • Word problems on division
	5.Highest common factor	<ul style="list-style-type: none"> • Prime and composite numbers • Prime factorization • Continuous Division method • Word problems on HCF
	6.Least Common Multiple	<ul style="list-style-type: none"> • Multiples and common multiples • Prime factorization method • Continuous Division method • Word problems on LCM

July	7.Comparing Fractions	<ul style="list-style-type: none"> • Equivalent Fractions • Simplest Form • Comparing Fractions • Arranging Fractions in order
	8.Adding and Subtracting Unlike Fractions	<ul style="list-style-type: none"> • Identifying Fractions • Converting Fractions • Adding unlike Fractions • Subtracting unlike fractions
	9.Multiplying Fractions	<ul style="list-style-type: none"> • Multiplying Fractions by Whole numbers • Multiplying whole numbers by fractions • Multiplying a fraction by a fraction • Solving word problems on Multiplying Fractions
August	11.Angles	<ul style="list-style-type: none"> • Angles and their Parts • Types of Angles • Measuring Angles • Estimating Angles •
	12.Angle Measures	<ul style="list-style-type: none"> • Estimating angles on a Clock • Measuring angles using a Protractor • Measuring angles in shapes Drawing Angles
	13.Decimals, tenths, Hundredths, Thousandths	<ul style="list-style-type: none"> • Decimals-Tenths • Decimals- Hundredths • Decimals-Thousandths • Comparing Decimal Numbers
	14.Adding and Subtracting Decimals	<ul style="list-style-type: none"> • Adding Decimals • Subtracting Decimals • Rounding off Decimals • Estimating the Sum and Difference of Decimals
October	15.Shape Properties	<ul style="list-style-type: none"> • Identifying Polygons • Properties of a Triangle • Types of Quadrilaterals • Constructing Shapes
	16.3-D Shapes as 2-D Shapes	<ul style="list-style-type: none"> • Nets • Views on Square Grid • Drawing Solid Shapes • Floor Plan

	17.Symmetry and Rotation	<ul style="list-style-type: none"> • Lines of symmetry • Rotational Symmetry • Symmetry in Designs • Symmetry in Solids
	18.Patterns	<ul style="list-style-type: none"> • Rotating Shapes • Design Patterns • Pattern Rules • Number Patterns
November	19.Perimeter and Area	<ul style="list-style-type: none"> • Finding the Perimeter • Estimating the Area • Finding the Area • Word Problems on Perimeter and Area •
	10.Maps	<ul style="list-style-type: none"> • Directions on Maps • Reading Maps • Maps on a grid Drawing a Map
	20.Length	<ul style="list-style-type: none"> • Units of length • Converting Length • Adding Subtracting Length • Multiplying and Dividing length •
December	21.Weight and Capacity	<ul style="list-style-type: none"> • Converting Units of Weight • Word problems on weight • Converting units of capacity Word problems on capacity
	22.Volume	<ul style="list-style-type: none"> • Revise: Capacity • Capacity vs. volume • Volume of Solids • How many will Fit?
January	23.Time on a clock (to the second)	<ul style="list-style-type: none"> • Time to the second • Converting time • Elapsed time • Word problems on Elapsed time
	24.Money	<ul style="list-style-type: none"> • Making bills • Making Expense Lists • Profit and Loss • Word problems on Money
	25.Data Handling	<ul style="list-style-type: none"> • Circle charts • Bar graphs • Reading line graphs • Drawing line graphs