

**SYLLABUS INDICATOR AND EXAM PORTION
CBSE – 2024-25**

Subject: Mathematics

Grade: IV

PHASE 1			
Ch. No.	Chapter Name	Subtopics	PT1 portion Total Marks: 20 Duration: 45 minutes
1	Numbers	<ul style="list-style-type: none"> ▪ 5-Digit Numbers ▪ 6-Digit Numbers ▪ Face Value ▪ Place Value ▪ Successor of a Number ▪ Predecessor of a Number ▪ Comparing the Numbers ▪ Ascending Order and Descending Order ▪ Rounding off a Number to the Nearest Ten ▪ Rounding off a Number to the Nearest Hundred ▪ Rounding off a Number to the Nearest Thousand ▪ Roman System of Numerals 	<ul style="list-style-type: none"> ▪ 5-Digit Numbers ▪ 6-Digit Numbers ▪ Face Value ▪ Place Value ▪ Successor of a Number ▪ Predecessor of a Number ▪ Comparing the Numbers ▪ Ascending Order and Descending Order ▪ Rounding off a Number to the Nearest Ten ▪ Rounding off a Number to the Nearest Hundred ▪ Rounding off a Number to the Nearest Thousand ▪ Roman System of Numerals
2	Addition and Subtraction	<ul style="list-style-type: none"> ▪ Addition of Numbers without Regrouping ▪ Addition of Numbers with Regrouping ▪ Word Problems on Addition ▪ Estimating the Sum ▪ Subtraction without Borrowing ▪ Subtraction with Borrowing ▪ Estimating the Difference 	<ul style="list-style-type: none"> ▪ Addition of Numbers without Regrouping ▪ Addition of Numbers with Regrouping ▪ Word Problems on Addition ▪ Estimating the Sum ▪ Subtraction without Borrowing ▪ Subtraction with Borrowing ▪ Estimating the Difference
10	Shapes	<ul style="list-style-type: none"> ▪ Symmetry ▪ Reflection of a Shape ▪ Rotation of a Shape 	<ul style="list-style-type: none"> ▪ Symmetry ▪ Reflection of a Shape ▪ Rotation of a Shape

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PHASE 2			
Ch. No.	Chapter Name	Subtopics	HYE portion
			Total Marks: 50 Duration: 2 hours
		▪	PT1 portion is included
3	Multiplication and Division	<ul style="list-style-type: none"> ▪ Multiplication of a 4-Digit Number by a 1-Digit Number ▪ Multiplying a Number by a 2-Digit Number Ending with Zero ▪ Multiplying a Number by a 3-Digit Number by a 2-Digit Number ▪ Multiplying a 4-Digit Number by a 2-Digit Number ▪ Word Problems on Multiplication ▪ Lattice Method for Multiplication ▪ Japanese Method of Multiplication using Lines ▪ Division ▪ Long Division Method ▪ Word Problems on Division 	<ul style="list-style-type: none"> ▪ Multiplication of a 4-Digit Number by a 1-Digit Number ▪ Multiplying a Number by a 2-Digit Number Ending with Zero ▪ Multiplying a Number by a 3-Digit Number by a 2-Digit Number ▪ Multiplying a 4-Digit Number by a 2-Digit Number ▪ Word Problems on Multiplication ▪ Division ▪ Long Division Method ▪ Word Problems on Division
4	Factors and Multiples	<ul style="list-style-type: none"> ▪ Factors ▪ Properties of Factors ▪ Finding Factors Using Multiplication ▪ Finding Factors using Division ▪ Common Factors ▪ Multiples of a Number ▪ Properties of Multiples ▪ Common Multiples 	<ul style="list-style-type: none"> ▪ Factors ▪ Properties of Factors ▪ Finding Factors Using Multiplication ▪ Finding Factors using Division ▪ Common Factors ▪ Multiples of a Number ▪ Properties of Multiples ▪ Common Multiples
9	Time	<ul style="list-style-type: none"> ▪ Time Duration in Hours and Minutes ▪ 24- Hour Clock ▪ Converting Time from 12-Hour clock to 24-Hour clock ▪ Converting Time from 24-Hour clock to 12-Hour clock 	<ul style="list-style-type: none"> ▪ Time Duration in Hours and Minutes ▪ 24- Hour Clock ▪ Converting Time from 12-Hour clock to 24-Hour clock ▪ Converting Time from 24-Hour clock to 12-Hour clock

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PHASE 3			
Ch. No.	Chapter Name	Subtopics	PT2 portion Total Marks: 20 Duration: 45 minutes
5	Fractions	<ul style="list-style-type: none"> ▪ Types of Fractions ▪ Converting an Improper Fraction into a Mixed Fraction ▪ Converting a Mixed Fraction into an Improper Fraction ▪ Equivalent Fractions ▪ Finding Equivalent Fractions of a Given Fraction ▪ Lowest Form of a Fraction ▪ Like Fractions ▪ Unlike Fractions ▪ Comparing Like Fractions ▪ Ordering Like Fractions in Ascending Order ▪ Ordering Like Fractions in Descending Order ▪ Adding Like Fractions ▪ Subtraction of Like Fractions 	<ul style="list-style-type: none"> ▪ Types of Fractions ▪ Converting an Improper Fraction into a Mixed Fraction ▪ Converting a Mixed Fraction into an Improper Fraction ▪ Equivalent Fractions ▪ Finding Equivalent Fractions of a Given Fraction ▪ Lowest Form of a Fraction ▪ Like Fractions ▪ Unlike Fractions ▪ Comparing Like Fractions ▪ Ordering Like Fractions in Ascending Order ▪ Ordering Like Fractions in Descending Order ▪ Adding Like Fractions ▪ Subtraction of Like Fractions
6	Introduction to Decimal Numbers	<ul style="list-style-type: none"> ▪ Decimal Fractions ▪ Decimal Number ▪ Place-Value Chart for Decimal Numbers ▪ Expressing a Decimal Fraction as a Decimal Number ▪ Expressing a Decimal Fraction as Fractions 	<ul style="list-style-type: none"> ▪ Decimal Fractions ▪ Decimal Number ▪ Place-Value Chart for Decimal Numbers ▪ Expressing a Decimal Fraction as a Decimal Number ▪ Expressing a Decimal Fraction as Fractions
7	Measurement	<ul style="list-style-type: none"> ▪ Metric System ▪ Measurement of Length ▪ Measurement of Weight ▪ Measurement of Capacity 	<ul style="list-style-type: none"> ▪ Metric System ▪ Measurement of Length ▪ Measurement of Weight ▪ Measurement of Capacity

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PHASE 4			
Ch. No.	Chapter Name	Subtopics	YE portion
			Total Marks: 50 Duration: 2 hours
		▪	PT2 portion is included
8	Geometry	<ul style="list-style-type: none"> ▪ Plane Figures and Solid Figures ▪ Basic Geometrical Figures ▪ Length of Line Segment ▪ Measuring Length of Objects ▪ Circle 	<ul style="list-style-type: none"> ▪ Plane Figures and Solid Figures ▪ Basic Geometrical Figures ▪ Length of Line Segment ▪ Measuring Length of Objects ▪ Circle
11	Perimeter and Area	<ul style="list-style-type: none"> ▪ Perimeter of a Closed Figure ▪ Calculating the Perimeter using Grid ▪ Area of a Closed Figure ▪ Calculating the Area using a Grid ▪ Calculating the Area of Irregular Shapes using a Square Grid 	<ul style="list-style-type: none"> ▪ Perimeter of a Closed Figure ▪ Calculating the Perimeter using Grid ▪ Area of a Closed Figure ▪ Calculating the Area using a Grid ▪ Calculating the Area of Irregular Shapes using a Square Grid
12	Money	<ul style="list-style-type: none"> ▪ Operations Involving Money ▪ Addition of Money ▪ Subtraction of Money ▪ Multiplying Money by a Whole Number ▪ Dividing Money by a Whole Number ▪ Reading a Bill 	<ul style="list-style-type: none"> ▪ Operations Involving Money ▪ Addition of Money ▪ Subtraction of Money ▪ Multiplying Money by a Whole Number ▪ Dividing Money by a Whole Number ▪ Reading a Bill
13	Data Handling	<ul style="list-style-type: none"> ▪ Data Handling ▪ Tally Charts ▪ Pictographs ▪ Circle Chart 	<ul style="list-style-type: none"> ▪ Data Handling ▪ Tally Charts ▪ Pictographs ▪ Circle Chart