Academic Planner 2019-20

Mathematics – Class III

Topic	Assignments/ Homework	Activity/Teaching Technique
Unit-1	Fx 1.1 -1.5	reamique
Numbers beyond 999 4- digit numbers on the abacus Face value and place value Numbers in expanded & short form		
Even & odd numbers Predecessor & successor		
Comparing numbers Forming numbers	Ex 1.6 –1.8	Lab activity –Playing Bingo Using Roman Numerals
Roman Numerals Mental Maths	Pg – 30 Pg – 31	
Unit – 2 ADDITION Addition of 4-digit numbers	Ex 2.1 – 2.4	
Adding 10, 100, 1000 Maths around us	Pg – 45	
Estimating the sums	Ex 2.5 -2.6	
Word problems Mental Maths To do	Pg – 43 Pg - 44	Lab activity –Reinforcing the
GEOMETRY Basic concepts of geometry		concept of shapes by coloring.
Solids	Ex 6.1 – 6.3	
iviatiis arounu us	Pg – 99	
Summer Vacations		
Unit – 3		UT.1 ACTIVITIES:
SUBTRACTION Subtraction of 4-digit numbers Checking subtraction by addition Addition & subtraction together Subtracting 10, 100, 1000 Revision of UT 1	Ex 3.1 – 3.4	1.Concept (U 1-2) 2.Mathematical Interpretation (U 1-2) 3.Mental Maths (U 1-2) 4.Problem Solving and Procedural Skill (U 1-2)
	Unit-1 NUMBER AND NUMERATION Numbers beyond 999 4- digit numbers on the abacus Face value and place value Numbers in expanded & short form Even & odd numbers Predecessor & successor Comparing numbers Forming numbers Estimation Roman Numerals Mental Maths Maths around us Unit - 2 ADDITION Addition of 4-digit numbers Adding 10, 100, 1000 Maths around us Estimating the sums Word problems Mental Maths To do Unit 6 GEOMETRY Basic concepts of geometry Measuring line segments Solids Maths around us Summer Vacations Unit - 3 SUBTRACTION Subtraction of 4-digit numbers Checking subtraction by addition Addition & subtraction together Subtracting 10, 100, 1000	Unit-1 NUMBER AND NUMERATION Numbers beyond 999 4- digit numbers on the abacus Face value and place value Numbers in expanded & short form Even & odd numbers Predecessor & successor Comparing numbers Estimation Roman Numerals Mental Maths Maths around us Unit - 2 ADDITION Addition of 4-digit numbers Adding 10, 100, 1000 Maths around us Word problems Mental Maths To do Unit 6 GEOMETRY Basic concepts of geometry Measuring line segments Solids Maths around us Unit - 3 SUBTRACTION SUBTRACTION Subtraction of 4-digit numbers Checking subtraction by addition Addition & subtraction together Subtracting 10, 100, 1000 Addition & subtraction together Subtracting 10, 100, 1000

September 1-15 th September (10 days)	Revision of Half-yearly exams		Assessment 1. Concept (U 3,4,6 and 10) 2. Mathematical Interpretation (U 3,4,6 and 10) 3. Mental Maths (U 3,4,6 and 10) 4. Problem Solving and Procedural Skill (U 3,4,6 and 10)
16-31st August (13 days)	Estimating time Conversion of time Calendar Mental Maths Maths around us UNIT 5 DIVISION Division as repeated subtraction Properties of division Long division	Ex 10.3 – 10.5 Pg – 151 Pg – 152 Ex 5.1–5.4	
	To do Maths around us Unit – 10 TIME Time in minutes More about time – a.m. and p.m.	Pg – 72 Ex 10.1 – 10.2	Lab activity – Understanding time to minutes and seconds.
August 1-15th August (10 days)	Unit – 4 MULTIPLICATION Multiplying 3-digit numbers Multiplication by tens Multiplication by hundreds Multiplication by a 2-digit number Estimating the product Word problems	Ex 4.1 – 4.6 Pg – 71	Lab activity –To find the product of a 2-digit number using criss– cross.
16-31st July (14 days)	Revision of UT 1 Estimating the difference Word problems Mental Maths Maths around us To do	Ex 3.5 – 3.6 Pg – 57 Pg – 58 Pg – 58	Lab activity – To practice subtraction of 2-digit numbers using number grid.

16-30th September (13 days)	Half yearly examination		
October 1-15th October (6 days)	Division without regrouping Division with remainder	Ex 5.5 – 5.7	
16-31 st October (11 days)	Division with regrouping Division by 10 Word problems Mental Maths Maths around us	Ex 5.7 – 5.9 Pg – 87 Pg – 88	Lab activity – To understand division by hopping on a number line.
	Unit- 8 MONEY Rupees (₹) and paise (p) Addition of money Subtraction of money	Ex 8.1 – 8.3	
November 1-15th November (11 days)	Word problems Maths around us Revision of UT 2	Ex 8.4 Pg - 122	Lab activity—To reinforce and understand the need of money in our daily life.
16-30th November (13 days)	Revision of UT 2 Unit 7 FRACTIONS Fractions Numerator and denominator	Ex 7.1-7.2	1. Concept (U 5,8) 2. Mathematical Interpretation (U 5,8) 3. Mental Maths (U 5,8) 4. Problem Solving and Procedural Skill (U 5,8)
December 1-15th December (11 days)	Fractional part of a collection Word problems Mental Maths Maths around us	Ex 7.3-7.4 Pg – 110 Pg - 111	Lab activity – To understand the concept of fractions by using orange.
16-31st December (13 days)	Unit 9 MEASUREMENT Measuring length Measuring weight Measuring capacity Mental Maths Maths around us	Ex 9.1-9.6 Pg – 139 Pg - 140	Lab activity- To measure object around us using measuring tape.
January 1-15th January	Winter Vacations		

16-31st January			
(14 days)	Unit 11 SYMMETRY AND PATTERNS Symmetry: basic concepts Completing halves Patterns Maths around us Unit - 12 DATA HANDLING Oragnization of data Maths around us	Ex 11.1-11.2 Pg- 162 Ex - 12.1 Pg - 172	Lab activity – To observe symmetry by paper folding in a paper plane. Lab activity- To practice tally marks using dice.
February 1-15th February (12 days)	Revision of Final Exams		Assessment 1. Concept (U 7,9,11 and 12) 2. Mathematical Interpretation (U 7,9,11 and 12) 3. Mental Maths (U 7,9,11 and 12) 4. Problem Solving and Procedural Skill (U 7,9,11 and 12)
16-28th February (11 days)	Final Exams		(- 1,0)== 0 == 1

Maths Syllabus of Examination (2019-2020)

UT 1	Half-yearly Exams	UT 2	Final Exams
Unit 1- Number and Numeration	Unit 3- Subtraction	Unit 5- Division	Unit 7- Fractions
Unit 2- Addition	Unit4 – Multiplication	Unit 8- Money	Unit 9- Measurement
	Unit 6- Geometry		Unit11- Symmetry and Patterns
	Unit 10- Time		Unit12 – Data handling