

Academic Planner 2017-18

Mathematics – Class III

Date	Topic	Assignments/ Homework	Activity/Teaching Technique
April 1-15th April (8 days)	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	Ex 1.1 -1.5	Computer games– Expander dog Estimate how many Place value 1 Smartboard : Concept introduction Unit-1 (iDaa)
16-30th April (12 days)	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	Ex 1.6 –1.8 Pg – 30 Pg – 31 Ex 2.1 – 2.4 Pg – 45	Lab activity –To practice formation of 4-digit numbers & arranging them in ascending order. Computer game – Place value 2 Computer game – Balls of fire
May 1-15th May (9 days)	ating the sums Word problems Mental Maths To do Unit 6 GEOMETRY Basic concepts of geometry Measuring line segments Solids Maths around us	Ex 2.5 -2.6 Pg – 43 Pg - 44 Ex 6.1 – 6.3 Pg – 99	Computer game – Hot teddies Lab activity –To make tangram by paper folding & cutting tangram shapes.
May 16th-31st May June 1st-30th June	Summer Vacations		
July 1-15th July (12 days)	Unit – 3 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	UT.1 ACTIVITIES : 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)

16-31st July (13 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	<i>Lab activity</i> – To practice subtraction of 4- digit numbers <i>Computer game</i> – What problem <i>Smartboard</i> : Game of dice Unit 2,3- iDaa
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 To do Maths around us Unit – 10 TIME Time in minutes More about time – a.m. and p.m.	Ex 4.1 – 4.6 Pg – 71 Pg – 72 Ex 10.1 – 10.2	<i>Computer game</i> – Granny crunch <i>Lab activity</i> –To find the product of a 2-digit number using criss– cross. <i>Smartboard</i> : Learning different methods of multiplication - iDaa <i>Computer game</i> – Time quiz <i>Lab activity</i> – Understanding time to minutes and seconds.
16-31st August (14 days)	Estimating time Conversion of time Calendar Mental Maths Maths around us Revision of Half-yearly exams	Ex 10.3 – 10.5 Pg – 151 Pg - 152	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)
September 1-15 th September (11 days)	Revision of Half-yearly exams Half yearly examination		
16-30th September (10 days)	UNIT 5 DIVISION Division as repeated subtraction Properties of division Long division	Ex 5.1– 5.4	<i>Computer games</i> – Table Tennis 2

October 1-15th October (9 days)	Division without regrouping Division with remainder Division with regrouping Division by 10	Ex 5.5 – 5.8	Computer games- Stomper -2 What problem
16-31 st October (11 days)	Word problems Mental Maths Maths around us Unit- 8 MONEY Rupees (₹) and paise (p) Addition of money Subtraction of money	Ex 5.9 Pg – 87 Pg – 88 Ex 8.1 – 8.3	<i>Lab activity</i> – To understand multiplication & division are reverse processes using grid and colours. Computer game – Shopping Smartboard : Chapter building Unit 8 – iDaa
November 1-15th November (11 days)	Word problems Maths around us Unit 7 FRACTIONS Fractions Numerator and denominator Fractional part of a collection	Ex 8.4 Pg - 122 Ex 7.1-7.3	<i>Lab activity</i> –To reinforce and understand the need of money in our daily life. <i>Lab activity</i> – To practice basic fractions.
16-30th November (13 days)	Word problems Mental Maths Maths around us	Ex 7.4 Pg – 110 Pg - 111	Smartboard : Recapitulation of fractions - iDaa
December 1-15th December (11 days)	Revision of UT 2		UT 2 ACTIVITIES 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)
16-31st December (12 days)	Unit 9 MEASUREMENT Measuring length Measuring weight Measuring capacity Mental Maths Maths around us	Ex 9.1-9.6 Pg – 139 Pg - 140	Smartboard : Understanding concepts Unit 9 - iDaa
January 1-15th January	Winter Vacations		

16-31st January (13 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	<i>Lab activity</i> – Creating patterns using hand impressions. <i>Computer game</i> - Pattern Smartboard : Revision of concepts Unit 12 – iDaa
February 1-15th February (11 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		

Maths Syllabus of Examination (2017-2018)

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