

Class-IV

Subject - Mathematics

Name of Book- Math Magic

Month	Week	Name of the Lesson/ Programme	Competency code	Competency
June 2021	WEEK 1	Catch up Programme Revision of the pre- requisite competency for SAT Cycle 1	MAT302	Students can recognise and expand simple repeated and non-repeated patterns with semi abstract (pictures etc.) and abstract symbols (numbers etc.)
			MAT303	Students can read, write , compare and organise numbers in ascending-descending order with the help of place value (up to 999)
			MAT311	Students can identify sequence of events in hours, days, and months using a calendar
June 2021	WEEK 2	Building with Bricks	MAT401	Students can understand and expand given non repeated patterns of semi- abstract pictures/symbols and abstract symbols (numbers)
	WEEK 3	A Trip to Bhopal	MAT404	Students can read, write, compare and expand any number up to 5 digits by applying concept of place value
	WEEK 4	A Trip to Bhopal	MAT404	Students can read, write, compare and expand any number up to 5 digits by applying concept of place value
July 2021	WEEK 1	Tick-Tick-Tick	MAT402	Students can read, write and calculate dates and solve daily life simple problems with the help of calendar
			MAT403	Students can calculate intervals of time and use am/pm to tell time
	WEEK 2	Tick-Tick-Tick	MAT402	Students can read, write and calculate dates and solve daily life simple

			MAT403	Students can calculate intervals of time and use am/pm to tell time
	WEEK 3	The Way the World Looks	MAT405	Students can identify objects using names of 3D shapes (cube, cuboid, cylinder, cone, sphere)
	WEEK 4	The Way the World Looks	MAT405	Students can identify objects using names of 3D shapes (cube, cuboid, cylinder, cone, sphere)
<p>1st Student Assessment Test in the last week of July As per syllabus covered/content taught in the month of June & July Saturday of every alternative week will be a joyful Saturday. Catch up Programme Precompetency for Revision SAT Session</p>				
August 2021	WEEK 1	Catch up Programme Revision of the pre- requisite competency for SAT Cycle 1	MAT307 MAT309	Students can multiply any two digit numbers with one digit (initially as repeated addition and then with the help of tables up to 10) Students can divide numbers up to 99 by a single digit number (initially as repeated subtraction and then with the help of table) without reminder
August 2021	WEEK 2	Tables and Shares Tables and Shares	MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction
	WEEK 3	Tables and Shares	MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction
WEEK 4	Tables and Shares	MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by	

			MAT407	one digit number Students can solve daily life problems by applying multiplication, division, addition and subtraction
September, 2021	WEEK 1	The Junk Seller	MAT408	Students can solve daily life simple problems related to money and spending/savings/etc.
			MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction
	WEEK 2	The Junk Seller	MAT408	Students can solve daily life simple problems related to money and spendings/savings/etc.
			MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction
	WEEK 3	The Junk Seller	MAT408	Students can solve daily life simple problems related to money and spendings/savings/etc.
			MAT406	Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction

	WEEK 4	The Junk Seller	MAT408	Students can solve daily life simple problems related to money and spending/savings/etc.
			MAT406	Revision and Exam Students can multiply and divide 3 digit numbers with 2 digit numbers using tables up to 15 and can divide 3 digit numbers by one digit number
			MAT407	Students can solve daily life problems by applying multiplication, division, addition and subtraction
2nd Student Assessment Test in the last week of September Saturday of every alternative week will be a joyful Saturday.				
October, 2021	WEEK 1	Catch up Programme Revision of the pre- requisite competency for SAT Cycle 1	MAT306	Students can measure length in metres and centimetres, weight in kilogram and capacity in non standard units
October, 2021	WEEK 2	Halves and Quarters	MAT410	Students can represent and identify following fractions : $\frac{1}{2}, \frac{1}{4}, \frac{1}{3}, \frac{3}{4}, \frac{4}{4}$ as shaded part and write fractions for the given shaded part
	WEEK 3	Long and Short	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and mililiters)
	WEEK 4	Long and Short	MAT409	Students can measure length, weight and capacity using standard

				units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
November 2021	WEEK 1	How Heavy? How Light?	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
	WEEK 2	How Heavy? How Light?	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
	WEEK 3	How Heavy? How Light?	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
	WEEK 4	How Heavy? How Light?	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
Assessment Saturday of every alternative week will be a joyful Saturday.				
December, 2021	WEEK 1	Catch up Programme Revision of the pre- requisite competency for SAT Cycle 1	MAT306 MAT308	Students can measure length in metres and centimetres, weight in kilogram and capacity in non standard units Students can identify 2D shapes with their names (triangle, square, rectangle, circle) and recognise their features like arms, corners, angles etc

December,2021	WEEK 2	Jugs and Mugs	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
	WEEK 3	Jugs and Mugs	MAT409	Students can measure length, weight and capacity using standard units; and solve daily life simple problems based on them; and convert between units (e.g. meters and centimeters, kilometer, grams and kilograms, liters and milliliters)
	WEEK 4	Carts and Wheels	MAT411	Students can calculate and solve daily life simple problems of perimeter (with the help of thread etc.)
January 2022	WEEK 1	Winter Vacation		
	WEEK 2	Winter Vacation		
	WEEK 3	Fields and Fences	MAT412	Students can calculate and solve daily life simple problems of area (with help of grid)
	WEEK 4	Fields and Fences	MAT412	Students can calculate and solve daily life simple problems of area (with help of grid)
Assessment Saturday of every alternative week will be a joyful Saturday.				
February 2022	WEEK 1	Catch up Programme Revision of the pre- requisite competency for SAT Cycle 1	MAT301 MAT313	Students can divide pictures in two identical halves with a line Students can use tally marking to record data, interpret pictorial representation and can draw simple inferences e.g., which is more, which is less
February	WEEK 2	Fields and Fences	MAT413	Students can complete half figures and identify mirror images

2022				using the concept of symmetry
	WEEK 3	Fields and Fences	MAT413	Students can complete half figures and identify mirror images using the concept of symmetry
	WEEK 4	Smart Chart	MAT414	Students can record, interpret and represent simple data using tally marks, bar graphs (without scale) and tabulation
March 2022	WEEK 1	Smart Chart	MAT414	Students can record, interpret and represent simple data using tally marks, bar graphs (without scale) and tabulation
	WEEK 2	REVISION		
	WEEK 3	REVISION		
	WEEK 4	ASSESSMENT		
Assessment				