Academic Session 2023-24

Class -3

Subject- Mathematics   **Name of the Textbook: Math-Magic**

Month	content	Competencies Code	Learning Outcomes
April 2023	Lesson 1 – Where to Look from	MAT301	Students can divide pictures in two identical halves with a line
	Lesson 2-Fun with Numbers	MAT303	Students can read, write, compare and organize numbers in ascending-descending order with the help of place value (up to 999)
May 2023	Lesson 3 - Give and Take	MAT304	Student can add and subtract three-digit numbers in different ways with carry over and carry back.
		MAT305	Students can solve simple daily life problems related to addition and subtraction with single operation at a time.
June, 2023	**Summer Vacations from 1ˢᵗ June 2023 to 30ᵗʰ June, 2023**		
July, 2023	Lesson 4 – Long and Short	MAT306	Students can measure length in metres and centimetres, weight in kilogram and capacity in non standard units.
1ˢᵗ Student Assessment Test in the last week of July			

August, 2023	Lesson 5- Shapes and Designs	MAT308	Students can identify 2D shapes with their names (triangle, square, rectangle, circle) and recognise their features like arms, corners, angles etc.
September, 2023	Lesson 6- Fun with give and take	MAT304	Student can add and subtract three-digit numbers in different ways with carry over and carry back
		MAT305	Students can solve simple daily life problems related to addition and subtraction with single operation at a time
Half Yearly Examination in the Month of September			
October, 2023	Lesson 7- Time Goes On…	MAT310	Students will be able to read clock and calculate time in hours (12.00 hrs)
		MAT311	Students can identify sequence of events in hours, days, and months using a calendar
		MAT312	Students can read and write dates and calculate duration of events with the help of a calendar
November 2023	Lesson 8- Who is Heavier?	MAT306	Students can measure length in metres and centimetres, weight in kilogram and capacity in non standard units

	Lesson 9- How Many Times?	MAT307	Students can multiply any two digit numbers with one digit (initially as repeated addition and then with the help of tables up to 10)
	2ⁿᵈ Student Assessment Test in the last week of November		
Dec. 2023	Lesson 10- Play with Patterns	MAT302	Students can recognize and expand simple repeated and non-repeated patterns with semi abstract (pictures etc.) and abstract symbols (numbers etc.)
	Lesson-11- Jugs and Mugs	MAT306	Students can measure length in metres and centimetres, weight in kilogram and capacity in non standard units
	Winter Break from 1ˢᵗ January 2024 to 15ᵗʰ January 2024		
January 2024	Lesson 12- Can we Share?	MAT309	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
	3ʳᵈ Student Assessment Test in the last week of January		
February, 2024	Lesson 13- Smart Charts!	MAT313	Students can use tally marking to record data, interpret pictorial representation and can draw simple inferences e.g., which is more, which is less
	Lesson 14- Rupees and Paise	MAT314	Students can add and subtract small amounts of money and solve simple one line daily problems related to money
March,	Exam		Revision & Exam

2024			
Annual Assessment in the 3rd and 4th week of March			

Academic Session 2023-24

CLASS- 4

Subject: Mathematics   **Name of the Textbook: Math Magic**

Month	Name of the Lesson	Learning Outcome code	Learning Outcome
APRIL, 2023	Lesson-1 Building with Bricks	MAT401	Students can understand and expand given non repeated patterns of semi- abstract pictures/symbols and abstract symbols (numbers)
	Lesson-2 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)
MAY, 2023	Lesson-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.
	Lesson-4 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
JUNE, 2023	Summer Vacations from 1st June 2023 to 30th June, 2023		
JULY, 2023	Lesson-5 The Way the	MAT405	Students can identify objects using names of 3D shapes

	World Looks		(cube, cuboid, cylinder, cone, sphere)
	1ˢᵗ Student Assessment Test in the last week of July, 2023		
AUGUST, 2023	Lesson-6 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 digits 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
SEPTEMBER, 2023	Lesson-7 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 mililiters)
Half Yearly Examination in the Month of September			
OCTOBER, 2023	Lesson-8 Carts and Wheels	MAT411	Students can calculate and solve daily life simple problems of perimeter (with the help of thread etc.)
NOVEMBER, 2023	Lesson-9 Halves and Quarters	MAT410	Students can represent and identify following fractions : 1/2,1/4, 1/3, 3/4,4/4 as shaded part and write fractions for the given shaded part
		MAT413	Students can complete half figures and identify mirror images using the concept of symmetry

	Lesson-10 Play with Patterns	MAT401	Students can understand and expand given non repeated patterns of semi- abstract pictures/symbols and abstract symbols (numbers)
	2nd Student Assessment Test in the last week of November		

DECEMBER, 2023	Lesson-11 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
	Lesson-12 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 mililiters)
JANUARY, 2024	**Winter Break from 1st January to 15th January, 2024**		
	Lesson-14 Smart Chart	MAT414	Students can record, interpret and represent simple data using tally marks, bar graphs (without scale) and tabulation
	3rdStudent Assessment Test in the last week of January, 2024		
FEBRUARY, 2024	Lesson-13 Fields and Fences	MAT411	Students can calculate and solve daily life simple problems ofperimeter (with the help of thread etc.)
		MAT412	Students can calculate and solve daily life simpleproblems of area (with help of grid)
MARCH, 2024	Revision		

	Annual Assessment in the 3rd and 4th week of March, 2024

Academic Session
2023-24

CLASS- 5

Subject: Mathematics   **Name of the Textbook: Math Magic**

Month	Name of the Lesson	Learning Outcome code	Learning Outcome
APRIL, 2023	Lesson 1- The fish Tale	MAT512	Students can apply addition and subtraction together to solve daily life problems.
		MAT513	Students can apply either multiplication or division to solve daily life problems.
MAY, 2023	Lesson 2 – Shapes and Angles	MAT502	Students can identify and classify the following angles and represent the same by tracing and drawing: right, obtuse and acute angle.
	Chapter 3- How many squares?	MAT503	Students can solve daily life problems of area with and without grid and with repeated addition of rectangular shapes.

Month	Lesson	Code	Learning Objective
JUNE, 2023	**Summer Vacations from 1st June 2023 to 30th June, 2023**		
JULY, 2023	Lesson 4- Parts and Wholes	MAT505	Students can read, write and represent fractional numbers and mixed fractions.
	Lesson 5 – Does it look the same?	MAT510	Students can identify and classify symmetrical and non-symmetrical shapes.
	1st Student Assessment Test in the last week of July		
August 2023	Lesson 6- Be my multiple, I will be your factor.	MAT506	Students can identify multiples, common multiples and factors
Sept 2023	Lesson 7- Can you see the pattern?	MAT501	Students can identify and expand given complex patterns of semi-abstract symbols and abstract symbols (numbers)
	Half Yearly Examination in the Month of September		
October 2023	Lesson 8- Mapping your Way	MAT501A	Students develop the understanding of recognizing the building and its route with the help of the map, and preparing the map of a place.

	Lesson 9- Boxes and Sketches	MAT 501A	Understands how to represent three dimensional objects in two dimensions.
November 2023	Lesson10- Tenths and Hundredths	MAT507	Students can recognise and write decimals as part of 1/10 and 1/100 with the help of pictorial representation
		MAT508	Students can convert decimals into fractional numbers (1/10, 1/100)
		MAT509	Students can convert fractional numbers (1/10, 1/100) into decimals.
2nd Student Assessment Test in the last week of November			
December 2023	Lesson 11- Area and its Boundary	MAT503	Students can solve daily life problems of area with and without grid and with repeated addition of rectangular shapes

		MAT504	Students can solve daily life problems of perimeter with repeated addition of rectangular shapes
	Winter Break from 1st January to 15th January		
January 2024	Lesson 12- Smart charts	MAT 511	Students can record, interpret and represent data using tally marks, bar graph (without scale) and tabulation.
	3rd Student Assessment Test in the last week of January		
February 2024	Lesson 13- Ways to Multiply and Divide	MAT513	Students can apply either multiplication or division to solve daily life problems.
	Lesson 14- How Big? How Heavy?	MAT514	Students can solve daily life simple problems related to volume, length and weight.
March 2024	Exam		Revision and Exam

Annual Assessment in the 3rd and 4th week of March