

Academic Session 2022-23

CLASS- 4

Subject: Mathematics

Name of the Textbook : Math Magic

Month	Name of the Lesson	Learning Outcome code	Learning Outcome
APRIL, 2022	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, 2022	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 MAT403	Students can read, write and calculate dates and solve daily life simple problems with the help of calendar Students can calculate intervals of time and use am/pm to tell time
JUNE, 2022	Summer Vacations from 1st June 2022 to 30th June, 2022		
JULY, 2022	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, 2022			
AUGUST, 2022	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 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
SEPTEMBER, 2022	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 milliliters)
OCTOBER, 2022	Lesson-8 Carts and Wheels	MAT411	Students can calculate and solve daily life simple problems of perimeter (with the help of thread etc.)
	2nd Student Assessment Test in the last week of October, 2022		
NOVEMBER, 2022	Lesson-9 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
	Lesson-10 Play with Patterns	MAT401	Students can understand and expand given non repeated patterns of semi- abstract pictures/symbols and abstract symbols (numbers)

DECEMBER, 2022	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 milliliters)
JANUARY, 2023	Winter Braek from 1st January to 15th January, 2023		
	Lesson-13 Fields and Fences	MAT412	Students can calculate and solve daily life simple problems of area (with help of grid)
		MAT413	Students can complete half figures and identify mirror images using the concept of symmetry
	3rd Student Assessment Test in the last week of January, 2023		
FEBRUARY, 2023	Lesson-14 Smart Chart	MAT414	Students can record, interpret and represent simple data using tally marks, bar graphs (without scale) and tabulation
MARCH, 2023	Revision		
	Annual Assessment in the third and fourth week of March, 2023		