

**CLASS- 4****Subject: Mathematics****Name of the Textbook: Math Magic**

Month	Name of the Lesson	Learning Outcome code	Learning Outcome
APRIL, 2025	Lesson-1 Building with Bricks	MAT401	Students can understand and expand given non repeated patterns of semi- abstract pictures/symbols and abstract symbols (numbers)
MAY, 2025	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)
	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.
	<b>SBA-1 (Activity Based) April and May</b>		
JUNE, 2025	<b>Summer Vacations from 1<sup>st</sup> June 2025 to 30<sup>th</sup> June, 2025</b>		
JULY, 2025	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

	<b>SAT-1 (April to July)</b>		
AUGUST, 2025	Lesson 5 The Way the World Looks	MAT 405	Students can identify objects using names of 3D shapes (cube, cuboid, Cylinder, cone, sphere.)
	Lesson-6 The Junk Seller		Students can solve daily life simple problems related to money and spendings/savings/etc.  Students can multiply and divide 3-digit numbers with 2 digits
<b>SBA-2 (Activity Based) August</b>			
SEPTEMBER, 2025	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)
<b>Half Yearly Assessment (April to September)</b>			

OCTOBER, 2025	Lesson-8 Carts and Wheels	MAT411	Students can calculate and solve daily life simple problems of perimeter (with the help of thread etc.)
NOVEMBER, 2025	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)
<b>SAT-2 October to November</b>			
DECEMBER, 2025	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)
<b>SBA-3 (Activity Based) October to December</b>			
JANUARY, 2026	<b>Winter Vacation from 1<sup>st</sup> January 2026 to 15<sup>th</sup> January, 2026</b>		
	Lesson-13 Fields and Fences	MAT411	Students can calculate and solve daily life simple problems of perimeter (with the help of thread etc.)

		MAT412	Students can calculate and solve daily life simple problems of area (with help of grid)
<b>SAT-3 (December to January)</b>			
FEBRUARY, 2026	Lesson-14 Smart Chart	MAT414	Students can record, interpret and represent simple data using tally marks, bar graphs (without scale) and tabulation
MARCH, 2026	Revision		
	<b>Annual Assessment (AA-1) Complete Syllabus</b>		
April 2026	<b>Supplementary Assessment (AA-2) Complete Syllabus</b>		

**CLASS- 5**

**Subject: Mathematics**

**Name of the Textbook: Math Magic**

Month	Name of the Lesson	Learning Outcome code	Learning Outcome
APRIL, 2025	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, 2025	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.
	<b>SBA-1 (Activity Based) April and May</b>		
JUNE, 2025	<b>Summer Vacations from 1<sup>st</sup> June 2025 to 30<sup>th</sup> June, 2025</b>		
JULY, 2025	Lesson 4- Parts and Wholes	MAT505	Students can read, write and represent fractional numbers and mixed fractions.
<b>SAT-1 (April to July)</b>			
August 2025	Lesson 5 – Does it look the same?	MAT510	Students can identify and classify symmetrical and non-symmetrical shapes.
	Lesson 6- Be my multiple, I will be your factor.	MAT506	Students can identify multiples, common multiples and factors
<b>SBA-2 (Activity Based) August</b>			
Sept 2025	Lesson 7- Can you see the	MAT501	Students can identify and expand given complex patterns of semi-abstract symbols and abstract symbols (numbers)

	pattern?		
<b>Half Yearly Assessment ( April to September)</b>			
October 2025	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.
Novem ber 2025	Lesson10- Tenths and Hundredths	MAT507	Students can recognise and write decimals as part of $\frac{1}{10}$ and $\frac{1}{100}$ with the help of pictorial representation
		MAT508	Students can convert decimals into fractional numbers ( $\frac{1}{10}$ , $\frac{1}{100}$ )
		MAT509	Students can convert fractional numbers ( $\frac{1}{10}$ , $\frac{1}{100}$ ) into decimals.
		<b>SAT-2 (October to November)</b>	

December 2025	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
	Lesson 12- Smart charts	MAT 511	Students can record, interpret and represent data using tally marks, bar graph (without scale) and tabulation.
<b>SBA-3 (Activity Based) October to December</b>			
<b>Winter Vacation from 1<sup>st</sup> January 2026 to 15<sup>th</sup> January, 2026</b>			
January 2026	Lesson 13- Ways to Multiply and Divide	MAT513	Students can apply either multiplication or division to solve daily life problems.
<b>SAT-3 (December to January)</b>			
February 2026	Lesson 14- How Big? How Heavy?	MAT514	Students can solve daily life simple problems related to volume, length and weight.
March 2026	Exam		Revision and Exam



<b>Annual Assessment (AA-1) Complete Syllabus</b>	
April 2026	<b>Supplementary Assessment (AA-2) Complete Syllabus</b>