

**Class-1
Maths.**

Date (From ... To)	Title of the Programme		Main Objectives	No. of Days allotted	
1 st April to 15 th May	Skill Passbook & Catch up Programme		<ul style="list-style-type: none"> • Skill Review and Identification of Learning gaps • Achieving the target of Skill Development 	31	
Month	Name of the Book	Subject Matter	Learning Outcomes	No. of Teaching Periods	Periods for Revision
May	Math-Magic	Shapes and Space	Understanding of inside-outside, bigger-smaller, biggest-smallest, top-bottom, nearer-farther, nearest-farthest, on-under and above-below. Understanding of shapes around us, sorting and rolling-sliding.	6	4
1st Student Assessment Test (question papers at School Level) in the last week of May As per syllabus covered/content taught in the month of May					
June	Summer Vacations (From 1st June 2019 to 30th June 2019)				
July	Math-Magic	Numbers from One to Nine	Understanding of counting, more or less, count and match, match the numbers with the pictures. Understanding and recognition of numbers 1 to 9. Understanding of missing number and zero.	7	3
		Addition	Understanding of addition with the help of pictures and numbers. Understanding of how many altogether. Understanding of matching and missing number.	6	4
2nd Student Assessment Test (question papers at Centralized level) in the last week of July Syllabus prescribed for the months of May & July					
August	Math-Magic	Subtraction	Understanding of take away. Understanding of subtraction and matching the numbers. Understanding of missing numbers.	6	4

		Numbers from Ten to Twenty	Understanding of making groups of 10. Understanding of counting from 10 to 20. Understanding of missing numbers. Understanding of bigger number, smaller number, biggest number, smallest number. Practice of addition and subtraction upto number 20.	6	4
Sept.	Math-Magic	Time	Correlating the daily activities with various parts of the day like morning, afternoon, evening and night. Understanding of sequence of daily activities. Comparison of time taken in any two activities.	6	3
		Revision	-----	-----	10
Half Yearly Assessment Test (question papers at Centralized level) in the last week of September Syllabus prescribed from May to September					
Oct.	Math-Magic	Measurement	Understanding of longer-shorter, longest-shortest, taller-shorter, tallest-shortest, thicker-thinner, thickest-thinnest, heavier-lighter and heaviest-lightest. Understanding of measurement using non-standard units.	6	3
		Numbers from Twenty-one to Fifty	Understanding of writing the numbers from 21 to 40. Understanding of writing the numbers from 41 to 50. Understanding of finding the missing number in a sequence of numbers upto 50.	6	4
Nov.	Math-Magic	Data Handling	Understanding of different shapes in a given picture. Understanding of counting the number of letters in the name-words.	10	7
3rd Student Assessment Test (question papers at Centralized level) in the last week of November Syllabus prescribed for the months of October & November					
Dec.	Math-Magic	Patterns	Understanding the concept of sequence in a given pattern of different shapes. Understanding of what comes next in a sequence of given pattern. Understanding of missing number in a given pattern.	6	3

		Numbers	Understanding of writing the numbers upto 100. Understanding of writing the missing numbers.	8	4
Winter Vacations (From 1st January 2020 to 15th January 2020)					
Jan.	Math-Magic	Money	Understanding of coins and notes currently in use in our country. Understanding of making the given amount using different combination of coins.	6	3
4th Student Assessment Test (question papers at Centralized level) in the last week of January Syllabus prescribed for the months of December & January					
Feb.	Math-Magic	How Many ?	Understanding of how many numbers. Understanding of number name and how many tens.	6	3
		Revision	-----	-----	10
March	Revision & Annual Assessment Test (question papers at Centralized level) in the third week of March Complete syllabus taught throughout the session				19

**Class-2
Maths.**

Date (From ... To)	Title of the Programme		Main Objectives	No. of Days allotted	
1 st April to 15 th May	Skill Passbook & Catch up Programme		<ul style="list-style-type: none"> ● Skill Review and Identification of Learning gaps ● Achieving the target of Skill Development 	31	
Month	Name of the Book	Subject Matter	Learning Outcomes	No. of Teaching Periods	Periods for Revision
May	Math-Magic	What is long, What is Round?	Understanding of long and round objects. Understanding of rolls and slides.	6	4
1st Student Assessment Test (question papers at School Level) in the last week of May As per syllabus covered/content taught in the month of May					
June	Summer Vacations (From 1st June 2019 to 30th June 2019)				
July	Math-Magic	Counting in Groups	Understanding of more or less. Understanding of number writing in correct order i.e. increasing or decreasing number.	6	4
		How much can you carry?	Understanding of heavier and lighter, bigger and smaller.	7	3
2nd Student Assessment Test (question papers at Centralized level) in the last week of July Syllabus prescribed for the months of May & July					
August	Math-Magic	Counting in Tens	Understanding of counting by grouping the things in tens.	6	2
		Patterns	Understanding of patterns of shapes and numbers. Understanding of pattern to complete the given patterns.	4	2
		Footprints	Understanding the matching of animals with their footprints. Understanding of tracing. Understanding of using given shapes for dressing up the faces.	4	2

Sept.	Math-Magic	Jugs and Mugs	Understanding of comparing the capacities of different containers using non standard units like mugs, jugs, bottle, spoon etc.	6	3
		Revision	-----	----	10
Half Yearly Assessment Test (question papers at Centralized level) in the last week of September Syllabus prescribed from May to September					
Oct.	Math-Magic	Tens and Ones	Understanding of Tens and Ones.	6	3
		My Funday	Understanding of days in a week, months in a year, number of days in different months of a year. Correlation of months with seasons, festivals, hot wind, cold wind etc.	6	4
Nov.	Math-Magic	Add our Points	Understanding of addition using numbers. Understanding of missing numbers. Correlation of numbers with tossing a coin as Heads and Tails.	4	3
		Lines and Lines	Understanding concept of standing, slanting and sleeping lines. Understanding to Draw a line using a scale. Understanding of curved lines by joining the dots. Understanding of making designs with dots. Recognizing different types of lines in a given picture.	7	3
3rd Student Assessment Test (question papers at Centralized level) in the last week of November Syllabus prescribed for the months of October & November					
Dec.	Math-Magic	Give and Take	Questions related to give and take. Practice of addition and subtraction by writing and without writing the numbers.	7	3
		The Longest Step	Understanding the concept of distance, length by using non standard units. Practice of comparing the length or height of various things by guessing and further checking the answer by using non standard units.	8	3
Winter Vacations (From 1st January 2020 to 15th January 2020)					

Jan.	Math-Magic	Birds come, Birds go	Understanding of addition and subtraction by using the numbers of birds come and go. Practice of addition and subtraction using no. of different things.	6	3
4th Student Assessment Test (question papers at Centralized level) in the last week of January Syllabus prescribed for the months of December & January					
Feb.	Math-Magic	How many Ponytails?	Practice of reasoning using letters in names. Understanding of writing by counting the things.	6	3
		Revision	-----	-----	10
March	Revision & Annual Assessment Test (question papers at Centralized level) in the third week of March Complete syllabus taught throughout the session				19

**Class-3
Maths.**

Date (From ... To)	Title of the Programme		Main Objectives	No. of Days allotted	
1 st April to 15 th May	Skill Passbook & Catch up Programme		<ul style="list-style-type: none"> • Skill Review and Identification of Learning gaps • Achieving the target of Skill Development 	31	
Month	Name of the Book	Subject Matter	Learning Outcomes	No. of Teaching Periods	Periods for Revision
May	Math-Magic	Where to Look From?	Understanding of drawing various things from surroundings by looking through different perspective. Understanding of drawing the pictures of some 3D things. Understanding the geometrical features of surrounding things by observing. Understanding to draw different shapes by drawing straight or curved lines using given dots. Understanding of making different shapes using pieces of paper. Draw 2D shapes using 3D objects. Understanding of making different shapes by cutting and folding of papers. Understanding of symmetry.	6	4
1st Student Assessment Test (question papers at School Level) in the last week of May As per syllabus covered/content taught in the month of May					
June	Summer Vacations (From 1st June 2019 to 30th June 2019)				
July	Math-Magic	Fun with Numbers	Understanding of reading and writing 3-digit nos. Understanding of expansion of numbers using idea of place values. Completing the sequence of simple patterns of numbers upto 3-digit. Understanding of counting by different methods starting from any no. Comparing the numbers making smallest and largest 3-digit numbers using given digits.	7	3

		Give and Take	Understanding of addition and subtraction the numbers by regrouping and without regrouping. Understanding of addition and subtraction using standard and non standard methods. Understanding of solving the questions of addition and subtraction in different ways using pictures and stories, word problems. Understanding for making questions of addition and subtraction facts. Estimating the addition & subtracting using given numbers.	6	4
2nd Student Assessment Test (question papers at Centralized level) in the last week of July Syllabus prescribed for the months of May & July					
August	Math-Magic	Long and Short	Understanding the need of standard units. Understanding of measuring the length (in centimeter and meter) by selecting the right unit. Estimating the length of a given thing in standard units and verifying it by actual measuring. Understanding of using a scale. Understanding of relations between centimeter and meter. Understanding of Map and reading simple maps using perspective. Understanding of making different shapes on the dots using straight and curved lines. Understanding the knowledge of locating a place. Understanding of finding the distance between two places on the map.	6	4
		Shapes and Designs	Understanding of recognizing 2D shapes. Understanding of making different shapes using TANGRAM. Understanding of small/Big shapes by counting the number of squares in a given shape. Understanding of matching the properties of 2D shapes by observing their sides, corners & edges. Understanding of making patterns on given areas like roof of a room, floor, wall etc. by using tiles. Ability to recognise the given tile patterns of different shapes.	5	5

Sept.	Math-Magic	Fun with Give and Take	Understanding of addition and subtraction the numbers by writing them vertically by regrouping and without regrouping. Understanding of solving the questions of addition and subtraction in different ways by using pictures and stories. Understanding of solving the questions of addition and subtraction related to daily life. Estimating the addition and subtraction of given two numbers.	5	4
		Revision	-----	-----	10
Half Yearly Assessment Test (question papers at Centralized level) in the last week of September Syllabus prescribed from May to September					
Oct.	Math-Magic	Time Goes On	Understanding to read calendar for finding a specific day and date, number of days in a month etc. Understanding of converting the time period into seconds, minutes, hours, days, weeks & months. Understanding of sequencing the events in accordance with time. Observation of time in minutes and hours using clock.	6	4
		Who is Heavier?	Understanding of guessing the weight of things using non standard units and verifying them by weighing. Understanding of estimating the weight in kilograms of different things.	5	4
Nov.	Math-Magic	How many times?	Understanding of meaning of multiplication by repeated addition. Understanding of recognizing the symbol of multiplication using the multiplication facts in different ways. Understanding of guessing the answer and verifying them by calculation. Understanding of writing multiplication patterns. Understanding of multiplying two digit numbers by one and two digit numbers by using Letis method by carry over and without carry over. Understanding of oral multiplication of one digit number by one digit number. Understanding of solving word problems by multiplying two digit numbers by one digit number. Understanding of writing tables from 2 to 10.	6	4

		Play with Patterns	Understanding the given pattern of designs, shapes and numbers. Understanding the growing patterns. Understanding of finding the hidden message. Able to recognize even and odd numbers. Understanding the pattern of even and odd numbers.	4	3
3rd Student Assessment Test (question papers at Centralized level) in the last week of November Syllabus prescribed for the months of October & November					
Dec.	Math-Magic	Jugs and Mugs	Understanding of estimating measuring and comparing the capacities of different containers in non standard units. Able to estimate the capacities of different containers in litres. Understanding of utility of conservation of volume.	7	4
		Can we share	Understanding of making equal groups and explaining the meaning of division in context of equal distribution. Understanding the relation between multiplication and division. Understanding of division by grouping and using multiplication tables.	6	4
Winter Vacations (From 1st January 2020 to 15th January 2020)					
Jan.	Math-Magic	Smart Chart	Able to present the data collected by measuring or by any other method. Able to get information from available data. Understanding of making different types of charts using available data.	6	3
4th Student Assessment Test (question papers at Centralized level) in the last week of January Syllabus prescribed for the months of December & January					
Feb.	Math-Magic	Rupees And Paise	Understanding of using notes and coins to show different amounts of money. Ability of adding and subtracting the different amounts of money by writing them column wise. Ability of making a receipt (cash memo) for the things purchased. Able to solve word problems.	5	4
		Revision	-----	-----	10
March	Revision & Annual Assessment Test (question papers at Centralized level) in the third week of March Complete syllabus taught throughout the session				19

**Class-4
Maths.**

Date (From ... To)	Title of the Programme		Main Objectives	No. of Days allotted	
1 st April to 15 th May	Skill Passbook & Catch up Programme		<ul style="list-style-type: none"> • Skill Review and Identification of Learning gaps • Achieving the target of Skill Development 	31	
Month	Name of the Book	Subject Matter	Learning Outcomes	No. of Teaching Periods	Periods for Revision
May	Math-Magic	Building with Bricks	Understanding of drawing different patterns using given bricks/tiles. Ability to draw a brick/tile for making different types of patterns.	6	4
1st Student Assessment Test (question papers at School Level) in the last week of May As per syllabus covered/content taught in the month of May					
June	Summer Vacations (From 1st June 2019 to 30th June 2019)				
July	Math-Magic	Long and Short	Understanding of longer, longest, shorter, shortest. Understanding of centimeter, meter and kilometer.	5	5
		A Trip to Bhopal	Understanding of multiplication.	6	4
2nd Student Assessment Test (question papers at Centralized level) in the last week of July Syllabus prescribed for the months of May & July					
August	Math-Magic	Tick-Tick-Tick	Understanding of reading time in a clock while doing daily activities. Understanding of comparison of time. Understanding of time duration for completing any project. Understanding of 12 Hours and 24 Hours clock.	7	4
		The Way the World Looks	Understanding of shapes, face, side, top and bottom of different objects. Understanding of different views of objects/human beings.	6	3

Sept.	Math-Magic	The Junk Seller	Understanding of borrowing money (taking loan). Understanding of solving money related questions.	5	4
		Revision	-----	-----	10
Half Yearly Assessment Test (question papers at Centralized level) in the last week of September Syllabus prescribed from May to September					
Oct.	Math-Magic	Jugs and Mugs	Understanding of litre and millilitre and their conversion.	6	4
		Carts and Wheels	Understanding of circle using bangles, ropes etc. Understanding of radius of circle. Understanding of drawing a circle using compass.	5	4
Nov.	Math-Magic	Halves and Quarters	Understanding of half, quarter, three-fourth etc.	6	3
		Play with Patterns	Understanding of patterns. Understanding of pattern without numbers. Understanding of pattern with numbers and letters. Understanding of pattern with addition. Understanding of pattern using tiles.	5	3
3rd Student Assessment Test (question papers at Centralized level) in the last week of November Syllabus prescribed for the months of October & November					
Dec.	Math-Magic	Tables and Shares	Understanding of tables up to 15. Practice questions of division, word problems.	6	5
		How Heavy? How Light?	Understanding of heavier and heaviest. Understanding of weights of things in gms. and kg. Knowledge of weighing balance using different weights.	6	4
Winter Vacations (From 1st January 2020 to 15th January 2020)					
Jan.	Math-Magic	Fields and Fences	Understanding of perimeter of regular & irregular figures. Understanding of areas of regular & irregular pictures. Ability to solve word problems.	5	4

4th Student Assessment Test (question papers at Centralized level) in the last week of January Syllabus prescribed for the months of December & January					
Feb.	Math-Magic	Smart Charts	Understanding of guessing time taken in doing different activities. Understanding of writing the given data in a table form.	5	4
		Revision	-----	-----	10
March	Revision & Annual Assessment Test (question papers at Centralized level) in the third week of March Complete syllabus taught throughout the session				19

**Class-5
Maths.**

Date (From .. To)	Title of the Programme		Main Objectives	No. of Days allotted	
1 st April to 15 th May	Skill Passbook & Catch up Programme		<ul style="list-style-type: none"> • Skill Review and Identification of Learning gaps • Achieving the target of Skill Development 	31	
Month	Name of the Book	Subject Matter	Learning Outcomes	No. of Teaching Periods	Periods for Revision
May	Math-Magic	The Fish Tale	Understanding of solving the problems based on given speed, distance & time. Understanding of numbers upto one crore. Understanding of operation on numbers.	6	4
1st Student Assessment Test (question papers at School Level) in the last week of May As per syllabus covered/content taught in the month of May					
June	Summer Vacations (From 1st June 2019 to 30th June 2019)				
July	Math-Magic	Shapes and Angles	Understanding of open and closed figures. Understanding of construction of polygons by using match sticks. Understanding of constructing acute, right and obtuse angles with the help of scale and compass. Understanding of constructing different angles by folding the paper/human body. Understanding of different angles made by the hands of a clock. Understanding of constructing different angles by folding the circle again and again. Understanding of construction of an angle using D.	5	5
		How Many Squares?	Understanding of finding out the parameters of rectangles and a squares. Understanding of finding the area of the given figures. Understanding to develop a pattern by using the different tiles.	6	4
2nd Student Assessment Test (question papers at Centralized level) in the last week of July Syllabus prescribed for the months of May & July					

August	Math-Magic	Parts and Wholes	Understanding the parts ($1/2$, $1/3$, $1/8$) of a whole and vice-versa.	5	5
		Does It Look the Same?	Understanding of symmetry.	6	4
Sept.	Math-Magic	Be My Multiple, I'll be your factor	Understanding of factors and multiples.	5	4
		Revision	-----	----	10
Half Yearly Assessment Test (question papers at Centralized level) in the last week of September Syllabus prescribed from May to September					
Oct.	Math-Magic	Can You See The Pattern?	Understanding of pattern based on shapes, words and numbers.	5	4
		Mapping Your Way	Understanding of making a map. Understanding pictorial representation.	6	4
Nov.	Math-Magic	Boxes and Sketches	Understanding of 3D objects. Understanding of making a box. Understanding of making cubes and cuboids.	5	3
		Tenths and Hundredths	Understanding of Tenths, Hundredths and Thousandths. Understanding of representation in decimals.	6	3
3rd Student Assessment Test (question papers at Centralized level) in the last week of November Syllabus prescribed for the months of October & November					
Dec.	Math-Magic	Area And Its Boundry	Understanding of finding the area. Understanding of finding the parameter.	6	5
		Smart Charts	Understanding of tally marks. Understanding of collecting the data and representing them.	6	4
Winter Vacations (From 1st January 2020 to 15th January 2020)					

Jan.	Math-Magic	Ways to Multiply and Divide	Understanding of multiplication of a given number by 1, 2 and 3 digit numbers. Understanding of solving the word problems. Understanding of division of a given number by 1 and 2 digit numbers.	5	4
4th Student Assessment Test (question papers at Centralized level) in the last week of January Syllabus prescribed for the months of December & January					
Feb.	Math-Magic	How Big? How Heavy?	Understanding of comparison of volumes of different solids. Understanding of a big-small and light-heavy. Understanding of conversion of one unit into another.	5	4
		Revision	-----	-----	10
March	Revision & Annual Assessment Test (question papers at Centralized level) in the third week of March Complete syllabus taught throughout the session				19