ACADEMIC YEAR PLANNER: 2023-24

CARMEL CONVENT SR. SEC. SCHOOL, RATANPUR, BHOPAL

SUBJECT- MATHEMATICS   **CLASS-2**

MONTH NAME	NAME OF THE UNIT / CHAPTER	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / PROJECTS UNDER INTERNAL ASSESSMENT / PRACTICALS	ASSIGNMENT	ASSESSMENT
APRIL	<u>**TERM-I**</u> **NEW EXPLORE** Ch. 1 – Revision	Children will be able to recall the concept of number names, before, after and in between numbers.	Count the number of students in each row of the class and tell the number name and what comes after and before that number. (Individual Activity)	Find even and odd numbers by making pairs of different objects.	Does any number come before 0? Think and answer
JUNE	Ch. 2 – Numbers upto 1000	1. Children will be able to compare the 3-digit numbers and arrange them in ascending/descending order. 2. Children will be able to arrange things in tens.	1. Group activity on ascending and descending order using flashcards.	Show the hundreds, tens and ones place on the abacus. Demonstrate how a number is represented on the abacus while explaining the value of each place.	1. Form as many 3-digit numbers as you can from the numbers 3, 7 and 9. 2. How many tens and ones are there in 43?
JULY **(P.T-1 – Ch.1)**	Ch. 3- Addition Ch. 4- Subtraction	Children will be able to learn and understand how to add 2-digit and 3-digit numbers with and without regrouping. Students will be able to learn how to subtract 2-digit, and 3-digit numbers with	1. Activity on addition wheel. 2. Addition using ice-cream sticks. Group activity on subtraction of 3-digit numbers using different coloured buttons.	Add the numbers on the petals with the number written in the flower's centre and write their sum. (Activity given in the book). Count the total number of students in your class and subtract the number of absentees from them.	**<u>Think and answer-</u>** I am the smallest digit. I am so small that if you add me to another number, it makes no difference. Who am I? Johny needs 25 litres of water for his plants every day. Out of this, 18 litres consist of used water.

		and without regrouping and will be able to solve word problems on subtraction.			How much fresh water does Johny use each day?
AUGUST	Ch. 5- Time	Children will be introduced to the concept of time, learn the meaning of half past, quarter past, and quarter to. Children will also learn the names of days and months.	Role play on different months of a year. (Group Activity)	1.Draw a calendar for April 2023 and highlight all the Sundays in the month. 2. Make a wheel showing days of the week.	What will be the total number of days in the years from 2019 to 2022?
	Ch. 6- Shapes and Patterns	Children will learn about various plane and solid shapes, and various patterns.	1.Group discussion on different types of shapes. 2. Role play on different types of shapes.	1. Draw different patterns using matchsticks or colourful beads. 2. Make a model of a robot or toy train using different 2D / 3D shapes.	1. Complete the pattern- a) 5A 6B 7C ___ ___ b) Z2 Y4 X6 ___ ___ 2. Can round things have corners? Think and answer.
SEPTEMBER (HALF-YEARLY EXAM) TERM-I CH. 1 TO 6	**REVISION FOR HALF- YEARLY.**				

OCTOBER	**TERM – II** Ch. 1- Multiplication	Children will be able to learn multiplication with and without regrouping and also be able to learn the properties of multiplication.	Quiz on multiplication tables of 1 to 10 using flashcards. (Individual Activity)	To represent multiplication tables in a creative way.	How many legs do 15 cats and 5 ducks have in all?
	Ch. 2- Division	Children will be able to learn division by sharing the objects equally.	Group activity by dividing toffees among children.	Do the activity given on page no. 86 in A4 size sheet in a creative manner. (Divide the numbers in the top row by the numbers on the left column and fill in the missing numbers.)	Think of the importance of dividing and sharing things with others in your life.
NOVEMBER	Ch.3- Fractions	Children will be able to learn the concept of fraction through the collection of objects.	Paper folding activity to identify half, a quarter and three-fourths. (Individual Activity)	Show fraction using craft paper and related pictures of real life objects.	12 birds were sitting on a branch of a tree. 9 birds flew away. Find the fraction of the birds that did not fly away.
	Ch. 4- Money	Children will learn about how to convert rupees into paise and paise into rupees.	Make your own piggy bank using clay and save your money using different coins. (Individual Activity)	Read the price tags of the things and find the total price.	Think of any 5 countries and tell the name of their currencies.

		Children will learn how to measure length, weight and capacity involving different units.	1) Using your handspan, measure the length of your desk. 2) Measure the length of the pencil using the ruler. (Individual Activities)	Which unit would you use (cm, m, g or kg) to measure- 1) Length of a crayon 2) Weight of your school bag 3) Length of the smartboard 4) Weight of your book	1. Can you think of how much water do you drink in a day? 2. Can you tell what is the distance between the door and the green board of your classroom?
DECEMBER (P.T. 2- Ch. 1 and 2)	Ch.5- Measurement				
	Ch. 6- Data Handling	Students will learn how to collect data and represent it in tabular form (pictograph).	Draw a pictograph, using your own symbols, representing the number of boys and girls and the teachers teaching in your class.	Draw a pictograph representing the members of your family.	There were 5 cars, 6 scooters, 4 motorbikes and 3 autorickshaws parked outside Ria's building. Help her arrange the values in a table (pictograph).
JANUARY	**Revision for Final Exam (Term II – Ch. 1 to 6)**				
FEBRUARY	**Final Exam (Term – II)**				
MARCH					

NAME OF THE SUBJECT TEACHER: MRS. MINI SAXENA

SIGNATURE OF THE SUBJECT COORDINATOR: MRS. MARY JOSEPH