

**Vidya Pratishthan's**  
**Dr.Cyrus Poonawalla School (CBSE)**  
**Annual Curriculum Planning (ACP) 2022-23**

Std- 1st  
 Sub- Mathematics

| Sr.No | Content/ Topic                       | Month and Working days | No. of periods for Teaching | Learning Objectives   | Expected Learning Outcome.  | Activity  | Teaching Aids  | Assessment   | 21 <sup>st</sup> Century Skills |
|-------|--------------------------------------|------------------------|-----------------------------|---|---|---|--|--|---------------------------------|
| 1     | Bridge course                        | April (22)             |                             |   |   |   |  |  |                                 |
|       | *Numbers                             |                        | 2                           | 1) To know Numbers and Number names 1 to 100<br>2) To know Missing Numbers  | Students are able to tell number names up to 20   | Identifying Missing Numbers from Flash Cards  | Black Board<br>Flash Cards                                   | Work Sheet   | Initiative and self-direction   |
|       | *Comparing- Quantities and Positions |                        | 2                           | 1) To know More than and Less than<br>2) To understand concept equal to<br>3) To know Left , Right, Before, After, Between  | Students are able to compare numbers  | Recognition of Positions using real object  | ICR<br>Black Board<br>Some real Object                       | Fill in the Blanks                                     | Critical Thinking               |
|       | * Shapes                             |                        | 2                           | 1) To Know different shapes- Circle, Square, Cone, Triangle and Rectangle.  | Students can identify different shapes  | Matching the shapes with real things  | Different shapes<br>Real objects                             | Worksheet  | Integrated Learning             |
|       | * Addition<br>* Taking Away          |                        | 2                           | 1) To add with fingers, count and write<br>2) To understand taking away by crossing out method  | Students are to add and subtract numbers  | Add and subtract using pebbles  | ICR<br>Black Board   | Add the following                                      | Problem Solving                 |
| 2     | Ch.No-1 Numbers Up To 20             | April (22)             | 8<br>6                      | 1) To know concept of zero<br>2) To show the 2 digit numbers on Abacus<br>3) To identify smaller and larger numbers   | 1) Students understood concept of zero<br>2) Students can differentiate and arrange numbers in ascending and descending order | 1) Identification of smaller and bigger numbers using blocks<br>2) Tens and Ones activity on spike Abacus<br>3) Increasing and decreasing orders of numbers using flash cards | ICR<br>Abacus<br>Blocks<br>Basket with Fruits<br>Flash Cards | Arrange the numbers in ascending and descending orders | Experiential Learning           |
| 3     | Ch.No-2 Addition Up to 10            | June (16)              |                             | 1) To add numbers by counting forward<br>2) To add numbers 1 to 9 using number strip and number bond<br>3) To understand adding zero, One and addition facts<br>4) To add numbers vertically and horizontally<br>5) To add 1-digit 3 number | 1) Students understood the addition facts<br>2) Students can add numbers vertically and horizontally                          | 1) Addition on number strip<br>2) Adding beads for understanding number bonds<br>3) Using ice-cream sticks to add   | ICR<br>Beads<br>Ice-cream sticks                             | Add the Following                                      | Problem Solving                 |

|    |  |                |  |  |  |   |   |  |                       |
|----|--|----------------|--|--|--|---|---|--|-----------------------|
| 4  | Ch.No-3 Subtraction Up to 10               | July (26)      |  | <ul style="list-style-type: none"> <li>1) Counting backward to subtract</li> <li>2) To subtract zero, one and same number from a number</li> <li>3) To understand subtraction fact</li> <li>4) To subtract vertically</li> <li>5) To create interest to solve simple word problem</li> </ul>                                     | <ul style="list-style-type: none"> <li>1) Students know the subtraction fact</li> <li>2) Students can solve word problems</li> </ul>   | <ul style="list-style-type: none"> <li>1) Subtraction on number strips</li> <li>2) Group activity for subtraction</li> </ul>  | ICR<br>Number strips<br>Blocks<br>Black board                 | Solve the word problems                  | Problem Solving       |
| 5  | Ch.No-4 Shapes and Patterns                | July (26)      |  | <ul style="list-style-type: none"> <li>1) To identify different types of shapes</li> <li>2) To identify straight and curved lines</li> <li>3) To know solid shapes</li> <li>4) To understand rolling and sliding objects</li> <li>5) To observe and complete the patterns</li> <li>6) To complete patterns in numbers</li> </ul> | <ul style="list-style-type: none"> <li>1) Students can identify different shapes</li> <li>2) Students understand concept of rolling and sliding objects</li> <li>3) Students know the patterns in numbers</li> </ul> | <ul style="list-style-type: none"> <li>1) Matching the shapes to the real things</li> <li>2) Rolling and sliding activity</li> <li>3) Create the pattern using paper strip</li> </ul> | ICR<br>Different Sized shapes                                 | Complete the patterns                    | Integrated Learning   |
| 6  | Ch.No-5 Addition and Subtraction Up to 20  | August (22)    |  | <ul style="list-style-type: none"> <li>1) To add 1-digit number to get 2-digit numbers</li> <li>2) To subtract the numbers</li> <li>3) To count forward to add</li> <li>4) To count backward to subtract</li> </ul>  | <ul style="list-style-type: none"> <li>1) Students can add and subtract 2-digit numbers by counting forward and backward method respectively.</li> </ul>   | <ul style="list-style-type: none"> <li>1) String the beads activity for addition and subtraction using different colours</li> </ul>   | ICR<br>Beads  | Add and Subtract the following           | Experiential Learning |
| 7  | Ch.No-6 Numbers Up To 50                   | August (22)    |  | <ul style="list-style-type: none"> <li>1) To identify numbers up to 50</li> <li>2) To count and write numbers up to 50</li> <li>3) To compare numbers using <math>&lt;</math>, <math>&gt;</math>, <math>=</math></li> <li>4) To form 2-digit numbers using given digits</li> </ul>   | <ul style="list-style-type: none"> <li>1) Students can compare numbers</li> <li>2) Students are able to form 2-digit numbers from given digit</li> </ul>   | <ul style="list-style-type: none"> <li>1) Forming 2-digit numbers using flash cards</li> <li>2) Show 2-digit numbers on Abacus</li> </ul>   | ICR<br>Abacus<br>Beads  | Fill in with blanks with correct symbols | Creativity            |
| 8  | Ch.No-7 Measurement                        | September (25) |  | <ul style="list-style-type: none"> <li>1) To measure the length using non-standard units.</li> <li>2) To compare weight, Capacity and length of different objects.</li> </ul>  | <ul style="list-style-type: none"> <li>1) Students know different measuring measures and their importance.</li> </ul>  | <ul style="list-style-type: none"> <li>1) Using weighing balance to find weights of different objects.</li> <li>2) Comparing the capacities of different containers.</li> </ul>       | ICR<br>Weighing Balance<br>Containers of different capacities | Fill in the blanks.                      | Information Literacy  |
| 9  | Ch.No-8 Numbers Up To 100                  | October (17)   |  | <ul style="list-style-type: none"> <li>1) To count and write the numbers up to 100.</li> <li>2) To know the numbers of tens in 1 Hundred.</li> </ul>   | <ul style="list-style-type: none"> <li>1) Students know the numbers and number names up to 100</li> </ul>  | <ul style="list-style-type: none"> <li>1) Using abacus, Tens and ones activity.</li> <li>2) Card games.</li> <li>3) Matching numbers to the number names.</li> </ul>                  | ICR<br>Abacus<br>Flash cards                                  | Worksheet                                | Creativity            |
| 10 | Ch.No-9 Addition and Subtraction up to 100 | November (19)  |  | <ul style="list-style-type: none"> <li>1) To add 2 digit number and one digit number.</li> <li>2) To add 2 digit number with and without regrouping.</li> <li>3) Regrouping tens and ones.</li> <li>4) To subtract 2 digit numbers with and without regrouping.</li> </ul>   | <ul style="list-style-type: none"> <li>1) Students can add and subtract numbers with and without regrouping.</li> </ul>  | <ul style="list-style-type: none"> <li>1) Addition of tens and ones using stringing the beads</li> </ul>  | ICR<br>Black board<br>Ice-cream sticks                        | Add the following                        | Collaboration         |

|    |                            |               |  |   |   |   |  |   |                         |
|----|----------------------------|---------------|--|---|---|---|--|---|-------------------------|
| 11 | Ch.No-10 Learn to Multiply | December (21) |  | 1) To understand about repeated addition and its equivalent multiplication facts.                     | 1) Students understood the concept of multiplication and its facts.                                   | 1) To build multiplication tables.  | ICR<br>Black board<br>Charts             | Work sheet  | Creativity              |
| 12 | Ch.No-11 Time              | December (21) |  | 1) To read and write time shown in the clock.<br>2) To know the days of the week, months of the year. | 1) Students know to read and write time.<br>2) Students know the days of week and months of the year. | 1) Understanding time by adjusting the hands on an old clock.<br>2) To make model of clock. | ICR<br>Clock<br>Calendar                 | Count how many times each day of the week is repeated in the given month. | Art Integrated Activity |
| 13 | Ch.No-12 Money             | January (24)  |  | 1) To identify the different denominations of coins and notes.  | 1) Students know and identify the currency.   | 1) Shopping activity.   | ICR<br>Dummy currency notes and coins.   |   | Experiential Learning   |
| 14 | Ch.No-13 Data Handling     | February (23) |  | 1) To collect and count the objects.<br>2) To make groups of objects.                                 | 1) Students can classify the objects according to groups.   | 1) To collect the same things together.   | ICR<br>Number of real objects.<br>Charts |   | Information Literacy    |
| 15 | Revision                   | March (11)    |  | 1) To revise the full syllabus for exam.  | 1) Students know all the concepts.  | 1) Understand and solve the questions and sums.   | Text book                                |   |                         |