

**CLASS - V**  
**SUBJECT: MATHS**  
**BOOK : MATHS MELA BOOK 5 (NCERT)**  
**MATHS MELA WORK BOOK (Rachna Sagar)**

| Month        | Topic                          | Pedagogy Tool                                                | E-Content                                                                                                                                                                                                                                                                   | Learning Outcomes                                                                                                                            |
|--------------|--------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|              |                                |                                                              |                                                                                                                                                                                                                                                                             | <b>By the end of these chapters the students can:</b>                                                                                        |
| <b>April</b> | Ch. 1<br>We the Travellers-I   | Travel-based discussions, map activities, group tasks        | <a href="https://letsshareknowledge.com/wp-content/uploads/2016/09/grade-3-maths-worksheets-5-digit-numbers-ascending-descending-10.jpg">https://letsshareknowledge.com/wp-content/uploads/2016/09/grade-3-maths-worksheets-5-digit-numbers-ascending-descending-10.jpg</a> | Write large numbers, number names, number patterns, mark numbers on number line, estimation and expanded form, even numbers and odd numbers. |
|              | Ch. 4<br>We the Travellers -II | Route maps, distance chart, calculator, number line          | <a href="https://drive.google.com/file/d/1BJMtah9YJFtG5iXvyzD69Bylip69DKG2/view">https://drive.google.com/file/d/1BJMtah9YJFtG5iXvyzD69Bylip69DKG2/view</a>                                                                                                                 | Addition and subtraction of numbers (up to 5-digit numbers), Problem sums                                                                    |
|              | Ch. 6<br>The Dairy Farms       | Counters, beads strings, play money, multiplication grid     | <a href="https://drive.google.com/file/d/1Xqz1sZUBfYSQRZtlbMOzUJgbgVGGHs-B/view">https://drive.google.com/file/d/1Xqz1sZUBfYSQRZtlbMOzUJgbgVGGHs-B/view</a>                                                                                                                 | Multiplication by 2-digit numbers.                                                                                                           |
| <b>May</b>   | Ch. 9<br>Coconut Farm          | Coconut pictures, arrays, graph paper, counters              | <a href="https://drive.google.com/drive/u/0/mobile/folders/1gooHN4zZQV6OkHOS_24Uj1iAzfzo9tPO?usp=drive_link">https://drive.google.com/drive/u/0/mobile/folders/1gooHN4zZQV6OkHOS_24Uj1iAzfzo9tPO?usp=drive_link</a>                                                         | Do division by one digit number, 2-digit numbers and solve problems sums.                                                                    |
| <b>July</b>  | Ch. 2<br>Fractions             | Fraction strips, paper folding, pizza models, coloured paper | <a href="https://drive.google.com/file/d/1e67SVSugqbIFEmfU8cjMXviRNGkaKna4/view">https://drive.google.com/file/d/1e67SVSugqbIFEmfU8cjMXviRNGkaKna4/view</a>                                                                                                                 | Recognize fractions, equivalent fractions, fractions on number line, solve word problems.                                                    |
|              | Ch. 10<br>Symmetrical Designs  | Mirror, paper folding, rangoli, butterfly pictures           | <a href="https://drive.google.com/file/d/1Xilxt-yNakUh28r_JGNAuHFUHGjVyy/view">https://drive.google.com/file/d/1Xilxt-yNakUh28r_JGNAuHFUHGjVyy/view</a>                                                                                                                     | Recognize Symmetry, mirror halves, rotational symmetry.                                                                                      |
|              | Ch. 13<br>Animal Jumps         | Animal picture cards, measuring tape, number line            | <a href="https://drive.google.com/file/d/1mvMZSao65uckjbdBjFntncclt5ornpKc/view">https://drive.google.com/file/d/1mvMZSao65uckjbdBjFntncclt5ornpKc/view</a>                                                                                                                 | Find factors and multiples, common factors and common multiples, HCF, divisibility tests.                                                    |

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|------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>August</b>    | Ch. 11<br>Grandmother's Quilt                                                                        | Grid paper, coloured squares, fabric pieces        | <a href="https://drive.google.com/drive/u/0/mobile/folders/1H1_IznP6dD5vTiXLaVjRbaTXU2YjVbet?usp=drive_link">https://drive.google.com/drive/u/0/mobile/folders/1H1_IznP6dD5vTiXLaVjRbaTXU2YjVbet?usp=drive_link</a> | Find perimeter and area of shapes (square and rectangle).                         |
|                  | Ch. 7<br>Shapes and Patterns                                                                         | Tangram, geoboard, pattern blocks, rangoli designs | <a href="https://drive.google.com/file/d/1TSvByOb2aU39Gh-1AyprIdM0ikdrRE-T/view">https://drive.google.com/file/d/1TSvByOb2aU39Gh-1AyprIdM0ikdrRE-T/view</a>                                                         | Recognize tiling patterns, 2D shapes, cube and nets, tangram.                     |
| <b>September</b> | <b>TERM 1 EXAMINATION</b>                                                                            |                                                    |                                                                                                                                                                                                                     |                                                                                   |
| <b>October</b>   | Ch. 3<br>Angles as turns                                                                             | Clock model, spinner, arrow cards, body movements  | <a href="https://drive.google.com/drive/u/0/mobile/folders/1aFQ9AaOPRGhauWdwPHnaEM11u1oHS7OB?usp=drive_link">https://drive.google.com/drive/u/0/mobile/folders/1aFQ9AaOPRGhauWdwPHnaEM11u1oHS7OB?usp=drive_link</a> | Recognize the types of angles and the rotations (half turn, one fourth turn).     |
|                  | Ch. 5<br>Far and Near                                                                                | Measuring tape, ruler, globe, school map           | <a href="https://kipsdigicloud.kips.in/Maths_Blaze_live/B4/Math_Book_4_Activity/Book4_Chapter10/story.html">https://kipsdigicloud.kips.in/Maths_Blaze_live/B4/Math_Book_4_Activity/Book4_Chapter10/story.html</a>   | Do conversions. Solve word problems based on length.                              |
|                  | Ch. 8<br>Weight and Capacity                                                                         | Measuring cups, balance, bottles, weights          | <a href="https://kipsdigicloud.kips.in/Maths_Blaze_live/B4/Math_Book_4_Activity/Book4_Chapter10/story.html">https://kipsdigicloud.kips.in/Maths_Blaze_live/B4/Math_Book_4_Activity/Book4_Chapter10/story.html</a>   | Do conversions. Solve word problems based on mass and capacity.                   |
| <b>November</b>  | Ch. 12<br>Racing Seconds                                                                             | Stopwatch, timer, clock                            | <a href="https://drive.google.com/file/d/1SQvic4W31Fo2Eskb9TFrO5ldRLIyGD8-/view">https://drive.google.com/file/d/1SQvic4W31Fo2Eskb9TFrO5ldRLIyGD8-/view</a>                                                         | Write time in 12-hour clock and 24-hour clock, calculate time and do conversions. |
|                  | Ch. 15<br>Data through Pictures                                                                      | Picture cards, tally chart, graph paper, stickers  | <a href="https://drive.google.com/file/d/13X5N8OizC3qQTCweaWUVjJqJ_6mgEgMP/view">https://drive.google.com/file/d/13X5N8OizC3qQTCweaWUVjJqJ_6mgEgMP/view</a>                                                         | Students can read and draw pictographs and bar graphs.                            |
| <b>December</b>  | Ch. 14<br>Maps and Locations                                                                         | School map, compass, floor map, globe              | <a href="https://cn.edurev.in/ApplicationImages/Temp/9e9eca48-5afc-4921-a00d-26467b5ae10a_lg.jpg">https://cn.edurev.in/ApplicationImages/Temp/9e9eca48-5afc-4921-a00d-26467b5ae10a_lg.jpg</a>                       | Read map, recognize symbols and directions.                                       |
| <b>January</b>   | <b>REVISION</b>                                                                                      |                                                    |                                                                                                                                                                                                                     |                                                                                   |
| <b>February</b>  | <b>ANNUAL EXAMINATION</b><br><b>NOTE : CHAP. NO. 1,4,6,9,13 OF TERM 1 WILL BE REPEATED IN TERM-2</b> |                                                    |                                                                                                                                                                                                                     |                                                                                   |