**ST. ANGELLA NURSERY DAY AND BOARDING PRIMARY SCHOOL**

**PRIMARY FOUR MATHEMATICS SCHEME OF WORK TERM THREE 2022**

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| **WK** | **PD** | **THEME** | **SUB-THEME** | **CONTENT** | **COMPETENCES** | | **METHODS** | **LIFE SKLLS** | **T/L ADS** | **ACTIVITY** | **REF** | **REM** |
| **SUBJECT** | **LANGUAGE** |
| **1**  **2**  **3** | **1**  **-**  **8**  **1**  **-**  **8** | **Time**  **LENGTH, MASS AND CAPACITY.** | **Time**  **LENGTH** | * Revision on time. * Changing hours to minutes. * Addition of time. * Application involving addition of time. * Subtraction of time. * Application involving subtraction of time. * Multiplication of time. * Application involving multiplication of time of time. * Division of time. * Time in a.m. and p.m. * Changing days to hours. * Changing hours to days. * Changing weeks to days. * Changing days to weeks. * Addition in weeks. * Addition in days * Subtraction of time in weeks and days. * Ordinary year and   Leap year.   * Expressing length in metres and centimeters * Addition in metres and centimeters * Subtraction in metres and centimetres * Multiplication of metres and centimetres. * Division of metres and centimetres. * Changing kilometers to metres | The learner   * Uses different types of clocks to tell time. * Converts hours to minutes and minutes to hours. * Interprets the given statements correctly. * Changes months to days. * Converts hours to minutes and minutes to hours.   The learner   * Uses different types of clocks to tell time. * Converts hours to minutes and minutes to hours. * Interprets the given statements correctly. * Changes months to days.   Converts hours to minutes and minutes to hours.  The learner   * Measures the length of different objects * Changes metres to centimetres. * Changes centimetres to metres. * Adds metres and centimetres. * Subtracts metres and centimetres. * Multiplies metres and centimetres.   Divides metres and centimetres | The learner   * Tells time in the local language and English. * Gives months of the year in English. * Makes a weekly timetable in his / her exercise book. * Reads, spells and writes the words like clock, o’clock, anti-meridian (a.m.), post meridian (p.m.), a half, aquartercorrectly. * Makes a weekly timetable in his / her exercise book.   Reads, spells and writes the words like clock, o’clock, anti-meridian (a.m.),.  The learner   * Measures the length of different objects * Changes metres to centimetres * Changes centimetres to metres. * Adds metres and centimetres * Subtracts metres and centimetres * Multiplies metres and centimetres   Divides metres and centimetres | * Explanation. * Guided Discussion * Question and answer. * Demonstration. * Guided discovery. * Explanation. * Guided Discussion * Question and answer. * Demonstration. * Guided discovery. * Explanation. * Guided Discussion * Question and answer. * Demonstration.   Guided discovery. | * Effective communication. * Critical thinking. * Creative thinking. * Logical thinking. * Effective communication. * Critical thinking. * Effective communication. * Critical thinking. * Creative thinking. * Logical thinking. * Effective communication. * Critical thinking. * Creative thinking. * Logical thinking. | * Wall clocks. * Calendars * Timetable. * Digital watches * Wall clocks. * Calendars * Timetable. * Digital watches * Wall clocks. * Calendars * Timetable. * Digital watches * Wall clocks. * Calendars * Timetable. * Digital watches * Strings * tape measure * strides * Counters | * Using real or model clock, the learner tells time. * Making a calendar showing what month of the year. * Working out problems involving time. * Reading time. * Using real or model clock, the learner tells time. * Making a calendar showing what month of the year. * Using real or model clock, the learner tells time. * Making a calendar showing what month of the year. * Working out problems involving time. * Reading time. * Using real or model clock, the learner tells time. * Making a calendar showing * Measuring * reading * writing the units * Adding * Subtracting * Converting from metres to centimetres * Multiplying * Dividing | New MTC MK pupils Bk 4 Pg. 161 185  New MTC MK pupils Bk 4 Pg. 161 185  New MTC MK pupils Bk 4 Pg. 161 185 |  |
| The learner;   * Interprets the given statements correctly. * Changes months to days. * Converts hours to minutes and minutes to hours. * Adds the weeks and days. * Subtracts weeks and days. |
| **4** | **1**  **-**  **8** |  | **LENGTH** | * Subtraction of time in weeks and days. * Ordinary year and   Leap year.   * Expressing length in metres and centimeters * Addition in metres and centimeters * Subtraction in metres and centimetres * Multiplication of metres and centimetres. * Division of metres and centimetres. * Changing kilometers to metres * Changing metres to kilometers * Addition of kilometers and metres. * Subtraction of long distance (Km and M) * Multiplication of kilometers and metres. * Division of long distances. | The learner   * Measures the length of different objects * Changes metres to centimetres. * Changes centimetres to metres. * Adds metres and centimetres. * Subtracts metres and centimetres. * Multiplies metres and centimetres. * Divides metres and centimetres. | The learner   * Measures the length of different objects * Changes metres to centimetres * Changes centimetres to metres. * Adds metres and centimetres * Subtracts metres and centimetres * Multiplies metres and centimetres * Divides metres and centimetres | * Explanation. * Guided Discussion * Question and answer. * Demonstration.   Guided discovery. | * Critical thinking. * Effective communication. * Critical thinking. * Creative thinking. * Logical thinking.   Effective communication. | * Strings * tapemeasure * strides * Counters | * Measuring * reading * writing the units * Adding * Subtracting * Converting from metres to centimetres * Multiplying * Dividing | * New MTC MK pupils Bk 4 Pg. 161 185 |  |
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|  |  |  | Capacity | * Half and quarter litres. * Addition of litres as half litres. * Addition of litres and military. | * Adds litres as half litres and milliliters. | * Expresses capacity of different items | * Discussion. * Explanation. * Question and answer. | * Critical thinking. * Effective communication. * Logical reasoning. | * ½ litre containers. * 1 litre container. | * Packing * Adding. | New MK MTC MK Bk. 4 pg. 222 – 227. |  |
|  |  |  | Weight and volume (mass) | * Half and quarter Kg. * Changing Kg and gm and vice versa. * Add subtract, multiplying kg and gm. * Metric tones, dozens, tones, crates, trays. * Volume of cubes and cuboids. | * Changes Kgms go gms and vice versa. * Adds, subtracts, multiplies kgms and gms. | * Expresses weight and volume of different items. | * Discussion. * Explanation * Question and answer. |  |  |  | New MK MTC pupils Bk 4 Pg. 228 - 235 |  |
|  |  | **ALGEBRA** | Equations with and without letters | * Revision (using letters for numbers) * Adding letters e.g. P+P = 2P   2k + 4k = 6k   * Finding perimeter using letters for numbers. * Subtracting letters. * Collecting like terms involving addition and subtraction. * Substitution.   Equation of:   * Addition * Subtraction * Division e.g.   2x = 8, x÷2 = 4   * Mixed equations. * Forming equations. | * Adds letters. * Uses letters for numbers. * Finds perimeter using letters for numbers. * Collects like terms. * Does substitute. * Solves given equations. * Forms equations and solve them. | * Reads and creates simple equations without letters. | * Guided discovery. * Participatory approach. * Discussion. * Brain storming. | * Effective communication. * Critical thinking. * Problem solving. | * Books. * Pens * Text books. | -Adding  -Subtract  -Forming equations | MK primary pupils bk 4 pg. 245-260 |  |