**GRADE**: THREE **SHAMPULE P. SCHOOL**  **YEAR**: 2016

**SUBJECT**: MATHS **SCHEMES OF WORK TERM**: ONE

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| **WK** | **TOPIC** | **SPECIFIC OUTCOMES** | **KNOWLEDGE** | | **VALUES** | | **T/L AID** | | **REF.** | | **COMENT** | |
| 1. |  | REVISION |  | |  | |  | |  | |  | |
| 2.  3. | **SETS** | 3.1.1 Describe a set by listing its members.  3.1.2 Recognize and use the symbols "=" equal to, " ≠" not equal to. | .Sets and notation  • Listing members of a set • Set symbols: "=" equal to, " ≠" not equal to. ( Also recap on "∈" member of, "∉" not a member of, "{ }" braces) • Applying sets in real life situations | | -Teamwork through cooperative learning. • Awareness of set notation or symbolization. | | -Chalk Board, wall chart. | | -Syll. TG & Book 3. | |  | |
| 4.  5.  6. | **NUMBERS AND NOTATION**  **ADDITION** | 3.2.1 Read and write numbers up to 1,000,000.  3.2.2 Express a number in expanded notation.  3.3.1 Add whole numbers with sums up to 100,000.  3.3.2 Carry out addition of numbers in real life situations. | • Reading and writing numbers up to 1, 000,000 (draw attention of learners to the number structure or repetition i.e. 1, 10, 100, 1000, 10000 . . ) • Expressing numbers in expanded notation.  • Addition of whole numbers with sums up to 100,000 by regrouping (Expanded notation). • Addition of whole numbers with sums up to 100,000 without regrouping. • Adding whole numbers by using  number trees, number wheels and magic squares • Applying addition of numbers in real life situations (e.g. money, number of items, Lengths) | | • Accuracy in recognizing and reading. • Application of numeration in real life.  • Awareness of the role of place values in addition. • Accuracy in computations. | | - Chalk Board, wall chart.  - Chalk Board, wall chart. | | - Syll. TG & Book 3.  - Syll. TG & Book 3. | |  | |
| 7.  8.  9.  10. | **SUBTRACTION**  **MULTIPLICATION** | 3.4.1 Subtract whole numbers up to 100,000  3.4.2 Carry out subtraction and addition in real life situation.  3.5.1 Multiply two and three digit numbers by a single digit number vertically. 3.5.2 Apply multiplication in real life situation. | • Subtraction of whole numbers up to 100,000 by regrouping. (vertical subtraction, expanded notation) • Subtraction of whole numbers up to 100,000 without regrouping. (vertical subtraction) • Subtracting whole numbers using number trees, number wheels and magic squares • Applying subtraction and addition in real life situations (e.g. money, number of items, Lengths).  • Multiplying two and three digit numbers by a single digit number using vertical multiplication • Applying multiplication in problems involving money. | | -Accuracy in computations. • Teamwork through cooperative learning  • Appreciation of the use of multiplication in real life • Teamwork through cooperative learning. | | - Chalk Board, wall chart.  -Chalk Board, wall chart | | - Syll. TG & Book 3.  -Syll. TG &  Book 3 | |  | |
| 11. | **REVISION** |  |  | |  | |  | |  | |  | |
| 12. | **TESTS** |  |  | |  | |  | |  | |  | |
| 13. | **CLOSURE** |  |  | |  | |  | |  | |  | |
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