



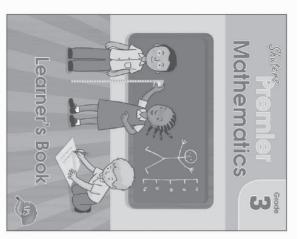
## ANNING & RACKING

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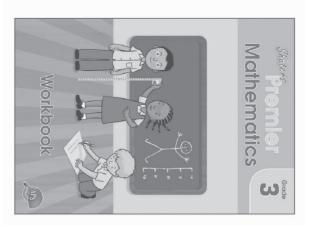
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| Term 1 | Numbers, Operations and Relationships                          | Patterns, Functions and Algebra | Shape and Space | Measurement   | Data Handling  | Recording | Reflection |
|--------|--|---------------------------------|-----------------|---|--|-----------|------------|
| Unit 1 | Activity 1 Oral counting TG - P1                               |                                 |                 |   |  |           |            |
|        | Activity 2 Number names and symbols TG - P1; LB - P1; WB - P1  |                                 |                 |   |  |           |            |
|        | Activity 3<br>Number symbol and<br>name game<br><b>TG - P1</b> |                                 |                 |   |  |           |            |
|        | Activity 4 Order and compare whole numbers TG - P1             |                                 |                 |   |  |           |            |
|        | Activity 5 Comparing numbers TG - P1; LB - P2-3                |                                 |                 |   |  |           |            |
|        | Activity 6<br>Ordinal numbers<br><b>TG - P2</b>                |                                 |                 |   |  |           |            |
|        | Activity 7 Ordinal numbers on the number line TG - P2; LB - P5 |                                 |                 |   |  |           |            |
| Unit 2 | Activity 1 Oral counting TG - P3                               |                                 |                 | Activity 1 Using a calendar TG - P3; WB - P2-3; LB - P6-7 | Activity 1<br>Creating a birthday<br>graph<br>TG - P4; LB - P8 |           |            |



| Term 1 | Numbers, Operations and Relationships  | Patterns, Functions and Algebra                | Shape and Space                           | Measurement | Data Handling | Recording | Reflection   |
|--------|--|--|---|-------------|---------------|-----------|--------------|
| Unit 3 | Activity 1 Oral counting TG - P5   | Activity 1<br>Number patterns<br>TG - P6       | Activity 1<br>Identification of<br>shapes |             |               |           |              |
|        | Activity 2 Place value TG - P5   |  | TG - P5; LB - P10;<br>WB - P4             |             |               |           |              |
|        | Activity 3 Tens and ones TG - P5; LB - P9  |  |   |             |               |           |              |
| Unit 4 | Activity 1 Oral counting TG - P6   | Activity 1 Patterns and rhythm TG - P7         |   |             |               |           |              |
|        | Activity 2 Doubling and halving TG - P6  | Activity 2 Patterns in Maths TG - P7; LB - P12 |   |             |               |           |              |
|        | Activity 3 Doubling and halving using counters TG - P6   |  |   |             |               |           |              |
|        | Activity 4 Doubling using cards TG - P6  |  |   |             |               |           |              |
|        | Activity 5 Halving using flard cards TG - P7; WB - P5-6; LB - P11  |  |   |             |               |           |              |
|        | Activity 6 Revision of ordering, number, number symbols and number names, decomposition, position, doubling, halving, addition and subtraction TG - P7 |  |   |             |               |           |              |
|        | Activity 7 Addition and subtraction TG - P7; LB - P13-14   |  |   |             |               |           | Shuter & -Sh |

| Term 1 | Numbers, Operations and Relationships                       | Patterns, Functions and Algebra                  | Shape and Space | Measurement                                       | Data Handling | Recording | Reflection |
|--------|---|--|-----------------|---|---------------|-----------|------------|
| Unit 5 | Activity 1 Oral counting TG - P8                            |  |                 | Activity 1<br>Capacity<br>TG - P8                 |               |           |            |
|        | Activity 2<br>Addition<br>TG - P8                           |  |                 | Activity 2<br>Group work<br>TG - P9               |               |           |            |
|        | Activity 3 Subtraction TG - P8; LB - P15-16                 |  |                 | Activity 3<br>Learner's Book<br>TG - P9; LB - P17 |               |           |            |
| Unit 6 | Activity 1 Oral counting TG - P9                            | Activity 1<br>Clapping rhythm<br>TG - P10        |                 | Activity 1<br>Capacity<br>TG - P10; LB - P20      |               |           |            |
|        | Activity 2<br>Multiplication<br>TG - P9                     | Activity 2 Building patterns TG - P10            |                 |   |               |           |            |
|        | Activity 3 Group work TG - P9; WB - P8                      | Activity 3<br>Number patterns<br><b>TG - P11</b> |                 |   |               |           |            |
|        | Activity 4 Whole class TG - P10; LB - P18-19                |  |                 |   |               |           |            |
|        | Activity 5 Multiplication game using cards or dice TG - P10 |  |                 |   |               |           |            |
| Unit 7 | Activity 1 Oral counting TG - P11                           |  |                 | Activity 1 Time TG - P12                          |               |           |            |
|        | Activity 2<br>Division<br>TG - P11                          |  |                 | Activity 2 Time games TG - P12                    |               |           |            |
|        | Activity 3 Working in pairs TG - P11; LB - P21-22; WB - P9  |  |                 |   |               |           |            |



| Term 1  | Numbers, Operations and Relationships                        | Patterns, Functions and Algebra | Shape and Space | Measurement                     | Data Handling                          | Recording | Reflection |
|---------|--|---------------------------------|-----------------|---------------------------------|--|-----------|------------|
| Unit 8  | Activity 1 Oral counting TG - P13                            |                                 |                 | Activity 1<br>Time<br>TG - P13; |  |           |            |
|         | Activity 2 Grouping and sharing leading to fraction TG - P13 |                                 |                 | WB - P11-12                     |  |           |            |
|         | Activity 3<br>Practical                                      |                                 |                 |                                 |  |           |            |
|         | Activity 4 Fractions TG - P13; WB - P10; LB - P23            |                                 |                 |                                 |  |           |            |
| Unit 9  | Activity 1 Oral counting                                     |                                 |                 |                                 |  |           |            |
|         | Activity 2<br>Money<br>TG - P14; WB - P13;<br>LB - P24       |                                 |                 |                                 |  |           |            |
|         | Activity 3 Rapid recall TG - P14; LB - P25                   |                                 |                 |                                 |  |           |            |
|         | Activity 4 Mental strategies TG - P14; LB - P26              |                                 |                 |                                 |  |           |            |
| Unit 10 | Activity 1 Oral counting TG - P15                            |                                 |                 |                                 | Activity 1<br>Introduction<br>TG - P15 |           |            |
|         | Activity 2 Mental strategies TG - P15; LB - P27-28           |                                 |                 |                                 | Activity 2 Tallies TG - P15; WB - P15  |           |            |
|         |  |                                 |                 |                                 |  |           |            |



| Term 2  | Numbers, Operations and Relationships   | Patterns, Functions and Algebra                     | Shape and Space   | Measurement | Data Handling   | Recording | Reflection |
|---------|---|---|---|-------------|---|-----------|------------|
| Unit 11 | Activity 1 Oral counting TG - P16 Activity 2 Estimation and number names in small groups TG - P16; WB - P16   | Activity 1 Design wrapping paper TG - P16           | Activity 1<br>Position and views<br>TG - P16  |             |   |           |            |
| Unit 12 | Activity 1 Oral counting TG - P16 Activity 2 Order and compare TG - P16; LB - P30 Activity 3 Rapid recall TG - P17; WB - P18-19 Activity 4 Techniques of repeated addition and subtraction TG - P17; LB - P31       |   | Activity 1 2D and 3D shapes TG - P17; LB - P32 Activity 2 Construction of shapes TG - P17 |             |   |           |            |
| Unit 13 | Activity 1 Oral counting TG - P17 Activity 2 Money TG - P18; LB - P33 Activity 3 Problem solving with money TG - P18; LB - P34 Activity 4 Place value TG - P18 Activity 5 Group activity game TG - P18; WB - P21-22 | Activity 1<br>Number patterns<br>TG - P18; WB - P20 |   |             | Activity 1 Interpret information on a pictograph TG - P18 |           |            |



| Term 2  | Numbers, Operations and Relationships                                     | Patterns, Functions and Algebra                     | Shape and Space                                       | Measurement  | Data Handling | Recording | Reflection |
|---------|---|---|---|--|---------------|-----------|------------|
| Unit 14 | Activity 1 Oral counting TG - P19   | Activity 1<br>Number patterns<br>TG - P20; WB - P27 |   | Activity 1 Measuring length TG - P20; LB- P39                      |               |           |            |
|         | Activity 2<br>Rounding off<br>TG - P19; LB - P36-37                       |   |   |  |               |           |            |
|         | Activity 3 Doubling and halving TG - P19                                  |   |   |  |               |           |            |
|         | Activity 4 Doubling card game TG - P19; WB - P23                          |   |   |  |               |           |            |
|         | Activity 5 Addition TG - P19; LB - P38; WB - P24-25                       |   |   |  |               |           |            |
|         | Activity 6 Repeated addition leading to multiplication TG - P19; WB - P26 |   |   |  |               |           |            |
|         | Activity 7 Counters and flashcards TG - P20                               |   |   |  |               |           |            |
| Unit 15 | Activity 1 Daily counting TG - P20 Activity 2                             |   | Activity 1<br>Follow directions<br>TG - P21; LB - P40 | Activity 1 Measurement of length with whole class                  |               |           |            |
|         | Place value   |   |   | TG - P21; LB - P41   |               |           |            |
|         | TG - P20; WB - P28-29   |   |   | Activity 2 Measuring game TG - P21                                 |               |           |            |
|         |   |   |   | Activity 3 Measurement of length in centimetres TG - P21; LB - P41 |               |           |            |



| Term 2  | Numbers, Operations and Relationships                                  | Patterns, Functions and Algebra | Shape and Space                              | Measurement                                       | Data Handling | Recording | Reflection |
|---------|--|---------------------------------|--|---|---------------|-----------|------------|
| Unit 16 | Activity 1 Oral counting TG - P22                                      |                                 |  | Activity 1<br>Time<br>TG - P22; WB - P32          |               |           |            |
|         | Activity 2 Estimation TG - P22; LB - P42                               |                                 |  |   |               |           |            |
|         | Activity 3 Subtraction techniques TG - P22; WB - P30                   |                                 |  |   |               |           |            |
|         | Activity 4 Subtraction problem solving TG - P22; LB - P43              |                                 |  |   |               |           |            |
|         | Activity 5 Grouping and sharing leading to division TG - P22; WB - P31 |                                 |  |   |               |           |            |
| Unit 17 | Activity 1 Oral counting TG - P23                                      |                                 |  | Activity 1<br>Time<br>TG - P23; WB - P35          |               |           |            |
|         | Activity 2 Problem solving techniques TG - P23; LB - P44               |                                 |  |   |               |           |            |
|         | Activity 3 Fractions TG - P23; WB - P33-34                             |                                 |  |   |               |           |            |
|         | Activity 4 Fractions Bingo game TG - P23 and 91-97                     |                                 |  |   |               |           |            |
| Unit 18 | Activity 1 Daily counting TG - P24                                     |                                 | Activity 1<br>Symmetry<br>TG - P24; LB - P45 | Activity 1 Measurement of mass TG - P24; LB - P46 |               |           |            |



| Term 2  | Numbers, Operations and Relationships   | Patterns, Functions and Algebra                          | Shape and Space  | Measurement                              | Data Handling | Recording | Reflection |
|---------|---|--|--|--|---------------|-----------|------------|
|         | Activity 2 Division TG - P24; WB - P36-37                                       |  |  |  |               |           |            |
|         | Activity 3 Counter and flashcards TG - P24                                      |  |  |  |               |           |            |
| Unit 19 | Activity 1 Daily counting TG - P25 Activity 2 Division TG - P25; WB - P38-39    | Activity 1<br>Number patterns<br>TG - P25<br>WB - P38-39 |  | Activity 1<br>Mass<br>TG - P25; LB - P48 |               |           |            |
| Unit 20 | Activity 1 Oral counting TG - P26 Activity 2 Ordinal numbers TG - P26; LB - P49 |  | Activity 1 3D shapes TG - P26 Activity 2 Create objects TG - P26; WB - P40 |  |               |           |            |



| Term 3  | Numbers, Operations and Relationships  | Patterns, Functions and Algebra              | Shape and Space                                | Measurement                                     | Data Handling                              | Recording | Reflection |
|---------|--|--|--|---|--|-----------|------------|
| Unit 21 | Activity 1<br>Counting<br>TG - P27   |  |  | Activity 1 Measurement of time using calendar   | Activity 1<br>Graphs<br>TG - P28; LB - P52 |           |            |
|         | Activity 2<br>Composing numbers<br>TG - P27; WB - P41  |  |  | TG - P27; LB - P51                              |  |           |            |
|         | Activity 3 Place value TG - P27; LB - P50  |  |  |   |  |           |            |
| Unit 22 | Activity 1 Oral counting TG - P28  | Activity 1<br>Number patterns<br>TG - P29;   |  | Activity 1 Working in metres TG - P29; LB - P54 |  |           |            |
|         | Activity 2 Rapid recall of facts to 20 TG - P20; LB - P53                                    | WB - P43-44                                  |  |   |  |           |            |
|         | Activity 3<br>Number lines<br>TG - P28; WB - P42   |  |  |   |  |           |            |
| Unit 23 | Activity 1 Oral counting TG - P29  |  |  | Activity 1 Measuring in centimetres             |  |           |            |
|         | Activity 2<br>Rounding off to the<br>nearest 10  |  |  | TG - P30;<br>WB - P47-48<br>Activity 2          |  |           |            |
|         | TG - P29; LB - P55   |  |  | Problem solving<br>TG - P30; LB - P56           |  |           |            |
|         | Activity 3 Rounding off to the nearest 10 for addition and subtraction TG - P29; WB - P45-46 |  |  | 1G-F30, LB-F30                                  |  |           |            |
| Unit 24 | Activity 1 Counting TG - P30   | Activity 1<br>Geometric patterns<br>TG - P30 | Activity 1<br>3D shapes<br>TG - P31            |   |  |           |            |
|         | Activity 2 Money - identifying coins TG - P30; WB - P49-50                                   | WB - P51-52                                  | Activity 2<br>Shape game<br>TG - P31; WB - P53 |   |  |           |            |



| Term 3  | Numbers, Operations and Relationships  | Patterns, Functions and Algebra                     | Shape and Space                               | Measurement                                    | Data Handling | Recording | Reflection |
|---------|--|---|---|--|---------------|-----------|------------|
|         | Activity 3 Money - repeated addition TG - P30; LB - P57  |   |   |  |               |           |            |
| Unit 25 | Activity 1 Oral counting TG - P31  |   | Activity 1<br>3D shapes<br>TG - P32; LB - P59 |  |               |           |            |
|         | Activity 2 Money - converting between Rands and cents TG - P31; WB - P54-55                                    |   | Activity 2<br>2D shapes<br>TG - P32; LB - P60 |  |               |           |            |
|         | Activity 3 Repeated addition and word problems TG - P32; LB - P58  |   |   |  |               |           |            |
| Unit 26 | Activity 1<br>Oral counting<br>TG - P32  | Activity 1<br>Number patterns<br>TG - P33; LB - P62 |   | Activity 1 Use a 12-hour to calculate time     |               |           |            |
|         | Activity 2 Mental strategies for calculations - counting on forwards from the larger number TG - P32; WB - P56 |   |   | TG - P33;<br>WB - P57-58                       |               |           |            |
|         | Activity 3 Sharing leading to fractions TG-P33; LB-P61   |   |   |  |               |           |            |
| Unit 27 | Activity 1 Oral counting TG - P33  | Activity 1<br>Number patterns<br>TG - P34; WB - P61 |   | Activity 1 Measuring time in weeks, months and |               |           |            |
|         | Activity 2 Place value TG - P33; LB - P63  |   |   | years<br>TG - P34;<br>WB - P62-63              |               |           |            |
|         | Activity 3 Fractions TG - P33; WB - P59-60   |   |   |  |               |           |            |



| Term 3  | Numbers, Operations and Relationships   | Patterns, Functions and Algebra | Shape and Space  | Measurement                          | Data Handling                                 | Recording | Reflection |
|---------|---|---------------------------------|--|--------------------------------------|---|-----------|------------|
| Unit 28 | Activity 1 Oral counting TG - P34   |                                 | Activity 1<br>3D shapes<br>TG - P35; WB - P65                |                                      | Activity 1 Keeping a tally TG - P35; LB - P65 |           |            |
|         | Activity 2 Division techniques: using the number line TG - P34                                    |                                 |  |                                      |   |           |            |
|         | Activity 3 Division techniques: using repeated subtraction TG - P35; WB - P64                     |                                 |  |                                      |   |           |            |
|         | Activity 4 Division techniques: using pictures TG - P35; LB - P64                                 |                                 |  |                                      |   |           |            |
| Unit 29 | Activity 1 Oral counting TG - P36   |                                 | Activity 1<br>Revision of names<br>TG - P36;                 |                                      | Activity 1<br>Interpret<br>information from a |           |            |
|         | Activity 2 Mental strategies for division – relate to multiplication TG - P36; LB - P67; WB - P68 |                                 | LB - P66 Activity 1 Position and views TG - P36; WB - P66-67 |                                      | bar graph<br>TG - P37                         |           |            |
|         | Activity 3 Mental strategies for division - halving TG - P36; LB - P68                            |                                 |  |                                      |   |           |            |
|         | Activity 4 Division word problems TG - P36; LB - P69  |                                 |  |                                      |   |           |            |
| Unit 30 | Activity 1<br>Oral counting<br>TG - P38   |                                 | Activity 1 Position and views TG - P38; WB - P69             | Activity 1<br>Measuring<br>perimeter |   |           |            |
|         | Activity 2<br>Mental strategies<br>TG - P38; LB - P70   |                                 |  | TG - P39; LB - 72-73                 |   |           |            |



| Term 4  | Numbers, Operations and Relationships  | Patterns, Functions and Algebra   | Shape and Space  | Measurement                                 | Data Handling | Recording | Reflection |
|---------|--|---|--|---|---------------|-----------|------------|
|         | Activity 3 Problem solving - multiplication and division TG - P38; LB - P71  |   | Activity 2 Position and co-ordinates TG - P38; WB - P70-71 |   |               |           |            |
| Unit 31 | Activity 1 Oral counting TG - P40 Activity 2 Number symbols to 1000 and names to 999 TG - P40; WB - P72 Activity 3 Place value and ordering numbers to 999 TG - P40; LB - P74 Activity 4 | Activity 1<br>Number patterns<br>and shape patterns<br>TG - P40;<br>WB - P73-74 |  |   |               |           |            |
|         | Name game<br>TG - P40  |   |  |   |               |           |            |
| Unit 32 | Activity 1 Oral counting TG - P41 Activity 2 Mental strategies – the relationship between addition and subtraction TG - P41; LB - P75  |   |  | Activity 1<br>Area<br>TG - P42; LB - P79-80 |               |           |            |
|         | Activity 3 Mental strategies - the relation between multiplication and division TG - P41; LB - P76   |   |  |   |               |           |            |
|         | Activity 4 Mental strategies – putting the larger number first in order to count on or count back TG - P41; WB - P75-76  |   |  |   |               |           |            |



| Term 4  | Numbers, Operations and Relationships                             | Patterns, Functions and Algebra                                  | Shape and Space                               | Measurement                                 | Data Handling | Recording | Reflection |
|---------|---|--|---|---|---------------|-----------|------------|
|         | Activity 5 Mental strategies - number lines TG - P42; LB - P77-78 |  |   |   |               |           |            |
| Unit 33 | Activity 1 Oral counting TG - P42                                 | Activity 1<br>Geometric patterns<br>TG - P43; WB - P80           |   | Activity 1<br>Area<br>TG - P43; WB - P82-83 |               |           |            |
|         | Activity 2 Place value TG - P42; WB - P77-78                      | Activity 2<br>Geometric patterns<br>TG - P43; WB - P81           |   |   |               |           |            |
|         | Activity 3 Addition and subtraction TG - P43; WB - P79            |  |   |   |               |           |            |
|         | Activity 4 Rounding off TG - P43; LB - P81-82                     |  |   |   |               |           |            |
| Unit 34 | Activity 1 Oral counting TG - P44                                 |  |   | Activity 1 Time in days and weeks           |               |           |            |
|         | Activity 2<br>Symbols + and – and =<br>TG - P44; WB - P84         |  |   | TG - P44; LB - P84                          |               |           |            |
|         | Activity 3<br>Number bonds to 30<br><b>TG - P44; WB - P85</b>     |  |   |   |               |           |            |
|         | Activity 4 Calculations: additions TG - P44; LB - P83             |  |   |   |               |           |            |
| Unit 35 | Activity 1 Oral counting TG - P45 Activity 2 Mental strategies    | Activity 1<br>Number patterns<br>TG - P45; LB - P86;<br>WB - P89 | Activity 1<br>3D shapes<br>TG - P45; LB - P87 |   |               |           |            |
|         | TG - P45  | TG - P45; LB - P86;  |   |   |               |           |            |



| Term 4  | Numbers, Operations and Relationships   | Patterns, Functions and Algebra                           | Shape and Space                              | Measurement                                      | Data Handling | Recording | Reflection |
|---------|---|---|--|--|---------------|-----------|------------|
|         | Activity 3 Multiplication TG - P45; WB - P87; LB - P85 Activity 4 Division TG - P45; WB - P88   |   |  |  |               |           |            |
| Unit 36 | Activity 1 Oral counting TG - P46 Activity 2 Fractions TG - P46; LB - P88 Activity 3 Equivalent fractions TG - P46; WB - P90-91   |   | Activity 1<br>Symmetry<br>TG - P46; WB - P92 | Activity 1 Capacity TG - P46; WB - P93; LB - P89 |               |           |            |
| Unit 37 | Activity 1 Oral counting TG - P47 Activity 2 Fractions - halves; quarters; eighths; thirds; sixths; fifths TG - P47; WB - P94-95 Activity 3 Problem solving with fractions TG - P47; LB - P90 |   |  | Activity 1<br>Mass<br>TG - P47; WB - P96         |               |           |            |
| Unit 38 | Activity 1 Oral counting TG - P48 Activity 2 Doubling and halving TG - P48; LB - P91 Activity 3 Number concepts TG - P48; WB - P97  | Activity 1<br>Number patterns<br>TG - P48;<br>WB - P98-99 |  |  |               |           |            |

| Term 4  | Numbers, Operations and Relationships   | Patterns, Functions and Algebra | Shape and Space                                       | Measurement                            | Data Handling                                 | Recording | Reflection |
|---------|---|---------------------------------|---|--|---|-----------|------------|
| Unit 39 | Activity 1 Oral counting TG - P49   |                                 | Activity 1<br>2D and 3D shapes<br>TG - P49; WB - P102 | Activity<br>Time<br>TG - P49; LB - P93 |   |           |            |
|         | Activity 2 Doubling and halving – number range 750-999 TG - P49; WB - P100-101                  |                                 |   |  |   |           |            |
|         | Activity 3 Breaking down and building up numbers in order to add or subtract TG - P49; LB - P92 |                                 |   |  |   |           |            |
| Unit 40 | Activity 1 Oral counting TG - P50   |                                 |   |  | Activity 1 Creating tables TG - P50; LB - P95 |           |            |
|         | Activity 2<br>Money<br>TG - P50; WB - P103  |                                 |   |  | Activity 2 Pictographs TG - P50; LB - P96     |           |            |
|         | Activity 1 Rounding off TG - P50; LB - P94  |                                 |   |  |   |           |            |

