# SOUTHROP C OF E PRIMARY SCHOOL - YEAR 4 MATHEMATICS EXPECTATIONS

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| 4 | 1 | Place Value | **I can count in multiples of 6, 7, 9, 25 and 1000.** |
| 4 | 2 | Place Value | **I can find 1000 more or less than a given number. Round any number to the nearest 10, 100 or 1000.** |
| 4 | 3 | Place Value | **I can count backwards through zero to include negative numbers.** |
| 4 | 4 | Place Value | **I can recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens, and ones). Order and compare numbers beyond 1000.** |
| 4 | 5 | Place Value | **I can order and compare numbers beyond 1,000** |
| 4 | 6 | Place Value | **I can round any number to the nearest 10, 100 or 1,000** |
| 4 | 7 | Place Value | **I can read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value** |
| 4 | 8 | Addition and subtraction | **I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate** |
| 4 | 9 | Addition and subtraction | **I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why** |
| 4 | 10 | Multiplication and division | **I can recall multiplication and division facts for multiplication tables up to 12 × 12** |

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| 4 | 11 | Multiplication and division | **I can recognise and use factor pairs and commutativity in mental calculations** |
| 4 | 12 | Multiplication and division | **I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout** |
| 4 | 13 | Fractions | **I can recognise and show, using diagrams, families of common equivalent fractions** |
| 4 | 14 | Fractions | **I can count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10** |
| 4 | 15 | Fractions | **I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where** |
| 4 | 16 | Fractions | **I can add and subtract fractions with the same denominator** |
| 4 | 17 | Fractions | **I can recognise and write decimal equivalents of any number of tenths or hundreds** |
| 4 | 18 | Fractions | **I can recognise and write decimal equivalents to 1/4, 1/2, 1/3** |
| 4 | 19 | Fractions | **I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths** |
| 4 | 20 | Fractions | **I can round decimals with 1 decimal place to the nearest whole number** |
| 4 | 21 | Fractions | **I can compare numbers with the same number of decimal places up to 2 decimal places** |
| 4 | 22 | Measure | **I can convert between different units of measure [for example, kilometre to metre; hour to minute]** |

| 4 | 23 | Measure | I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres |
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| 4 | 24 | Measure | I can find the area of rectilinear shapes by counting squares |
| 4 | 25 | Geometry | I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes |
| 4 | 26 | Geometry | I can identify acute and obtuse angles and compare and order angles up to 2 right angles by size |
| 4 | 27 | Geometry | I can identify lines of symmetry in 2-D shapes presented in different orientations |
| 4 | 28 | Geometry | I can describe positions on a 2-D grid as coordinates in the first quadrant |
| 4 | 29 | Geometry | I can describe movements between positions as translations of a given unit to the left/right and up/down |
| 4 | 30 | Statistics | I can interpret and present data using bar charts, pictograms, tables and other graphs |