

Year 5 Age Related Expectation (ARE) Statements for Maths

For: _____

| | | Place Value | | | Measures | | |
|--|--|---|--|--|---|--|--|
|  <p>Steps to success!</p> | | Count forwards and backwards through zero. | | | Know angles in one whole turn total 360°. | | |
| | | Know the place value of headings up to millions. | | | Know angles in one whole turn total 180°. | | |
| | | Recognise thousandths and write numbers with up to three decimal places. | | | Know that the area of a rectangle = length x width. | | |
| | | Round to one decimal place. | | | Calculate the area of rectangles and rectilinear shapes. | | |
| | | Number | | | Find the perimeter of different 2D shapes. | | |
| | | Use column addition and subtraction with numbers of any size. | | | Know the Roman Numerals: I, V, X, L, C, D, M. | | |
| | | Identify multiples and factors of a number. | | | Calculate time intervals. | | |
| | | Solve mental calculations involving +, -, x and ÷. | | | Estimate and measure volume and capacity. | | |
| | | Multiply a three or four-digit number by a two-digit number using long multiplication. | | | Know rough conversions between metric and imperial units. | | |
| | | Divide numbers up to four-digits by a single-digit number using short division and interpret the remainder. | | | Convert between adjacent metric units of measure for length, capacity and mass. | | |
| | | Know the first 12 square numbers and be able to find cubed numbers. | | | | | |
| | | Recall primes to 19. | | | Geometry | | |
| | | Compare and order fractions. | | | Distinguish between regular and irregular polygons. | | |
| | | Add and subtract fractions and with denominators that are multiples of the same number. | | | Translate shapes in the first two quadrants. | | |
| | | Associate a fraction with division and calculate decimal/ fraction equivalents. | | | Use coordinates in the first two quadrants. | | |
| | | Convert between improper fractions and mixed numbers. | | | Statistics | | |
| | | Write decimals as fractions. | | | Find the mean, mode, range and median | | |
| | | Know percentage equivalents for 1/2, 1/4, 1/5, 2/5, 4/5. | | | Interpret line graphs. | | |
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