MATHEMATICS AREs **2025 – 2026** **YEAR 4**

Number, place value, approximation and estimation/rounding	
1. I can count in multiples of 6.	
2. I can count in multiples of 7.	
3. I can count in multiples of 9.	
4. I can count in multiples of 25.	
5. I can count in multiples of 1,000.	
6. I can order and compare numbers beyond 1,000.	
7. I can find 1,000 more or less than a given number.	
8. I recognise the place value of each digit in a 4-digit number.	
9. I can read Roman numerals to 100 and know that over time the numeral system changed to include the concept of zero and place value.	
10. I can identify, represent and estimate numbers using different representations	
11. I can round any number to the nearest 10, 100 or 1,000.	
12. I can solve number and practical problems with the above (involving increasingly large numbers).	
Calculations	
13. I can add numbers with up to 4-digits using the formal written methods of column addition.	
14. I can subtract numbers with up to 4-digits using the formal written methods of column subtraction.	
15. I can estimate and use inverse operations to check answers in a calculation.	
16. I can solve addition and subtraction 2-step problems in contexts, deciding which operations and methods to use and why.	
17. I can recall multiplication and division facts up to 12x12.	
18. I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.	
19. I recognise and use factor pairs and the relationship between multiplication and division in calculations.	
20. I can multiply 2-digit and 3 digit numbers by a 1-digit number using formal written layout.	
21. I can solve problems involving multiplying and adding.	
GDS 1. I can solve multi-step problems involving more than one of the operations.	
GDS 2. I can solve missing number problems by creating my own scaffolds and applying the rules of addition and subtraction and their relative inverse.	
GDS 3. I can create my own scaffolds to prove the accuracy of multiplication and division calculations.	
Fractions, decimals and percentages	
22. I can count up and down in hundredths.	
23. I recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten.	
24. I recognise and show using diagrams, families of common equivalent fractions.	
25. I can add and subtract fractions within the same denominator.	
26. I recognise and write decimal equivalents to 1/4, 1/2 and $\frac{3}{4}$.	
27. I recognise and write decimal equivalents of any number of tenths or hundredths.	
28. I can round decimals with one decimal place to the nearest whole number.	
29. I can compare numbers with the same number of decimal places up to 2 decimal places.	
30. I can find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	

31. I can solve problems involving increasingly harder fractions and fractions to divide quantities, including non-unit fractions where the answer is a whole number.	
32. I can solve simple measure and money problems involving fractions and decimals to 2 decimal places.	
GDS 4. I can use tenths, hundredths and thousandths when comparing values and solving addition and subtraction problems.	
GDS 5. I can relate tenths and hundredths to fractional values.	
Measurement	
33. I can compare different measures, including money in £ and p.	
34. I can estimate different measures, including money in £ and p.	
35. I can calculate different measures. including money in £ and p.	
36. I can read, write and convert time between analogue 12 hour clocks.	
37. I can read, write and convert time between digital 12 hour clocks.	
38. I can read, write and convert time between analogue and digital 24 hour clocks.	
39. I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	
40. I can convert between different units of measurements	
41. I can measure and calculate the perimeter of a rectilinear figure in cm and m.	
42. I can find the area of rectilinear shapes by counting squares.	
GDS 6. I can use a 24-hour timetable to find out times for journeys between various places.	
GDS 7. I can apply my knowledge of perimeter to work out the perimeter of real-life spaces, using metres and centimetres.	
Geometry – properties of shapes	
43. I can compare and classify geometric shapes, including quadrilateral and triangles based on their properties and sizes.	
44. I can identify lines of symmetry in 2D shapes presented in different orientations.	
45. I can complete a simple symmetric figure with respect to a specific line of symmetry.	
46. I can identify acute and obtuse angles and compare and order angles up to two right angles by size.	
Geometry – position and direction	
47. I can describe movements between positions as translations of a given unit to the left/right and up/down.	
48. I can describe positions on a 2D grid as coordinates in the first quadrant.	
49. I can plot specified points and draw sides to complete a given polygon.	
Statistics	
50. I can interpret and present discrete data using appropriate graphical methods, including bar charts and time graphs.	
51. I can interpret and present continuous data using appropriate graphical methods, including bar charts and time graphs.	
52. I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	
GDS 8. I can collect my own data on a given project and present information in graphical formats of my choosing in geography, history or science.	