Assessment Criteria **Mathematics Stage 3**

Name:		**Class:**	**Year:**						
Start score:	Target Score:	End Score:							

Place Value	1. Count from 0 in multiples of 4, 8, 50 and 100. Find 10 or 100 more or less than a given number.										
	2. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).										
	3. Compare and order numbers up to 1000. Read and write numbers up to 1000 in numerals and in words.										
	4. Identify, represent and estimate numbers using different representations.										
	5. Solve number problems and practical problems involving these ideas.										
Add and Sub	6. Add and subtract numbers mentally, including: a 3-digit no and 1s, 10s, 100s.										
	7. Add and sub numbers with up to 3 digits, using formal written methods of columnar add and sub.										
	8. Estimate the answer to a calculation and use inverse operations to check answers.										
	9. Solve probs, including missing no probs, using number facts, place value, and more complex add/sub.										
Mult and Div	10. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.										
	11. Write and calc math statements for x and ÷ using the tables they know, including 2-digit numbers times 1-digit numbers, using mental and formal written methods.										
	12. Solve probs and missing number probs, involving x and ÷, including integer scaling probs and correspondence probs in which n objects are connected to m objects.										
Fractions	13. Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.										
	14. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.										
	15. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.										
	16. Recognise and show, using diagrams, equivalent fractions with small denominators.										
	17. Add and sub fractions with the same denominator within one whole (e.g. $^5/_7 + {}^1/_7 = {}^6/_7$).										
	18. Compare and order unit fractions, and fractions with the same denominators.										
MEASURE	19. Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).										
	20. Measure the perimeter of simple 2-D shapes.										
	21. Add and subtract amounts of money to give change, using both £ and p in practical contexts.										
	22. Tell/write the time from an analogue clock, including Roman numerals from I to XII, and 12-hr/24-hr clocks.										
	23. Estimate and read time with increasing accuracy to nearest min; record/compare time in secs, mins, hrs. Use vocab such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.										
	24. Know the no of seconds in a minute and the number of days in each month, year and leap year.										
GEOMETRY	25. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.										
	26. Recognise that angles are a property of shape or a description of a turn.										
	27. Identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn. Identify whether angles are greater than or less than a right angle.										
	28. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.										
STATS	29. Interpret and present data using bar charts, pictograms and tables.										
	30. Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables.										

1-8 EM1	9-15 EM2	16-21 EX1	22-26 EX2	27-30 ED1	Mastery ED2						