

Place Value	1. I can read, write, order and compare numbers up to 10 000 000 and determine the value of each digit			
	2. I can round any whole number up to a required degree of accuracy			
	3. I can use negative numbers in context and calculate intervals across zero			
+ - X & ÷	4. I can calculate mentally using efficient strategies in all four operations (mental arithmetic tests)			
	5. I can use formal methods and work quickly and accurately using all four operations (arithmetic tests)			
	6. I can solve multi-step problems in contexts, deciding which operations and methods to use and why			
Fractions, Decimals, Ratio	7. I can calculate using fractions, decimals or percentages			
	8. I can recognise the relationship between fractions, percentages and decimals and can express them as equivalent quantities			
	9. I can use simple ratio			
Algebra	10. I can express and solve missing numbers algebraically			
	11. I can substitute values into simple formula to solve problems			
Measures	12. I can use, read, write & convert between standard units, converting length, mass, volume & time			
	13. I can recognise that shapes with the same area can have different perimeters and vice versa			
	14. I can calculate measures to solve multi-step problems			
Shape	15. I can estimate the size of an angle and use a protractor accurately			
	16. I can calculate and use formulae for area & volume of shapes			
	17. I can use mathematical reasoning to find missing angles			
P & D	18. I can describe positions on the full co-ordinate grid (all four quadrants)			
	19. I can draw and translate simple shapes on the coordinate plane and reflect them in the axis			
STATS	20. I can interpret and construct pie charts and line graphs and use these to solve problems			
	21. I can calculate and interpret the mean as an average			
Reasoning & Investigations	22. I can reason, justify and prove my Mathematical thinking and ask and answer reasoning style questions such as: <i>Convince me, Show me an example, Can you find all possibilities, Is this True or False?</i>			
	23. I can find solutions by working systematically and identifying patterns and rules			
	24. I can use practical apparatus and visual representations to solve problems, <i>including use of the bar model</i>			