Year 1 MATHS Subject Map

Number: Place Value (Within 10) Number: Addition and Subtraction (Within 10) Geometry: Shape Number: Place Value (Within 20)	Consolidation Number: Addition and Subtraction (within 20) Number: Place Value (within 50) • Measurement: Length and Height Measurement: Mass and Volume	Consolidation Number: Multiplication and Division Number: Fractions Geometry: Position and Direction Number: Place Value (Within 100) Measurement: Money Measurement: Time

AGE RELATED EXPECTATIONS

WORKING TOWARDS ARE

1. Solve problems, including doubling, halving and sharing
2a. Use quantities and objects to add and subtract two single-digit numbers
2b. Use quantities and objects to count on or back to find the answer
3. Use everyday language to talk about size, weight, capacity, position, distance, time and money
4. Compare quantities and objects and to solve problems
5. Order and sequence familiar events
6a. Describe everyday objects and shapes
6b. And use mathematical language to describe them

MATHEMATICAL LANGUAGE	ADDITION AND SUBTRACTION	FRACTIONS, DECIMALS AND PERCENTAGES	SHAPE AND GEOMETRY
3. Use the language of equal to, more than, less than (fewer), most and least and identify one more and one less than 6. Use everyday language to talk about size, weight, capacity, position, distance, time and money 12. Write numerals from 1 to 20 in words	13. Read, write and interpret mathematical statements including addition (+), subtraction(-) and equals (=) signs 14. Represent and use number bonds and subtraction facts to 20. 15a. Add and subtract numbers to 20, including a two digit number and ones 15b. a two digit number and tens where no regrouping is required 15c. demonstrate their method using concrete operations or pictorial representations 16a. Solve one step problems that involve addition and subtraction using concrete objects 16b. Pictorial representations 16c. Missing number problems	18. Recognise, find and name half as one of two equal parts of an object, shape or quantity 19. Recognise, find and name quarter as one of four equal parts of an object, shape or quantity	26. Recognise and name common 2D shapes 27. 3D shapes

PLACE VALUE	MULTIPLICATION AND DIVISION	MEASUREMENT	DIRECTION AND POSITION
7a. count to and across 100 forwards and backwards, beginning with 0 7b. beginning with 1 7c. beginning with any given number 8a. Count, read and write numbers to 100 in numerals from 0 in twos 8b. in fives 8c. in tens 9. Identify one more or less than a given number 10. Write numerals from 1 to 20 in words 11. Identify and represent numbers using objects and pictorial representations, including the number line 12. Use the language of equal to, more than, less than (fewer), most and least and identify one more and one less than	17a. Solve one step problems that involve multiplication and division using concrete objects 17b. Arrays with teachers	20a. Compare, describe and solve practical problems (including measuring and recording) for: lengths and heights (longer/shorter, tall/short etc) 20b. Mass/weight (heavier than/lighter than etc) 20c. Capacity and volume(full/empty, half full etc) 20d. Time (faster, slower, later etc) 21. Measure and begin to record the following 21a. Length and height 21b. Mass/weight 21c. Capacity and volume 21d. Time (hours minutes seconds) 22. Recognise and know different denominations of coins and notes 23. Sequence events in chronological order using language (For example, before, after, next, first, today, tomorrow etc) 24. Recognise and use language relating to dates, including days of the week, weeks, months and years 25. Begin to tell the time and draw hands on clock faces to show the hour and half past the hour	28. Describe position, direction and movement for whole and half turns 29. Quarter and three quarter turns **STATISTICS AND DATA HANDLING**