

## Key vocabulary

**Number:** number, numeral, zero, one, two, three ... twenty, teens numbers, eleven, twelve ... twenty, twenty-one, twenty-two ... one hundred, two hundred ... one thousand, none, how many ...?, count, count (up) to, count on (from, to), count back (from, to), forwards, backwards, count in ones, twos, fives, tens, threes, , fours, eights, fifties, and so on to hundreds, equal to, equivalent to, is the same as, more, less, most, least, tally, many, odd, even, multiple of, factor of, sequence

Continue, predict, few, pattern, pair, rule, relationship, > greater than , < less than, Roman numerals

**Addition and subtraction:** addition, add, more, and make, sum, total, altogether, double, near double

half, halve, one more, two more ... ten more ... one hundred more, how many more to make ...? how many more is ... than ...? how much more is ...? Subtract, take away, how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less, how many fewer is ... than ...? how much less is ...? difference between, equal, is the, same as, number bonds/pairs/facts, missing number, tens boundary, hundreds boundary

**Multiplication and Division:** multiplication, multiply, multiplied by, multiple, factor, groups of, times, product, once, twice, three times ... ten times, repeated addition, division, dividing, divide, divided by, divided into, left, left over, remainder, grouping, sharing, share, share equally, one each, two each, three each ... ten each, group in pairs, threes ... tens, equal groups of, doubling, halving, array, row, column, number patterns, multiplication table, multiplication fact, division fact.

**Fractions:** equivalent fraction, mixed number, numerator, denominator, equal part, equal grouping, equal sharing, parts of a whole, half, two halves, one of two equal parts, quarter, two quarters, three quarters, one of four equal parts, one third, two thirds, one of three equal parts, sixths, sevenths, eighths, tenths ...

**MEASUREMENT:** measurement, size, compare, measuring scale, division, guess, estimate, enough, not enough, too much, too little

too many, too few, nearly, close to, about the same as, approximately, roughly, just over, just under, millimetre, centimetre, metre, kilometre, mile, length, height, width, depth, long, short, tall, high, low, wide, narrow, thick, thin , longer, shorter, taller, higher, longest, shortest, tallest, highest, far, further, furthest, near, close, distance apart, between ... to ... from, perimeter, ruler, metre stick, tape measure, kilogram, half, gram, weigh, weighs, balances, heavy, light, heavier than, lighter than, heaviest, lightest., litre, half litre, millilitre, capacity, volume, full, empty, more than, less than, half full, quarter full, holds, contains, container.

**Time:** always, never, often, sometimes, usually, once, twice, hour, o'clock, half past, quarter past, quarter to, 5, 10, 15 ... minutes past, a.m., p.m, clock, clock face, watch, hands, digital/analogue clock/watch, timer, hour hand, minute hand, hours, minutes, seconds, Roman numerals, 12-hour clock time, 24-hour clock time.

**Money:** coin, penny, pence, pound, price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as, total.

**2-D shape:** corner, side, point, pointed, rectangle (including square), rectangular, circle, circular, triangle, triangular, pentagon, pentagonal, hexagon, hexagonal, octagon, octagonal, quadrilateral, right-angled, parallel, perpendicular.

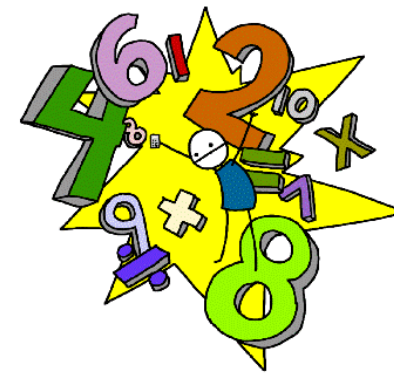
### 3-D shape

face, edge, vertex, vertices, cube, cuboid, pyramid, sphere, hemisphere, cone, cylinder, prism, triangular prism.

**STATISTICS:** count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, table, chart, bar chart, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram.

# Key Skills

# Maths



# Year 3



### *Place Value*

1. I can count in multiples of 4 and 8.
2. I can count in multiples of 50 and 100.
3. I can find 10 more or less of a number.
4. I can find 100 more or less than a number.
5. I can recognise the place value of each digit in a three-digit number (H, T, ones).
6. I can compare and order numbers up to 1000.
7. I can identify, represent and estimate numbers using different methods e.g. Diennes, Numicon, calculation maps.
8. I can read and write numbers up to 1000 in numerals and in words.

### *Addition and Subtraction*

9. I can add a 3-digit number and ones mentally.
10. I can add a 3-digit number and tens mentally.
11. I can add a 3-digit number and hundreds mentally.
12. I can add numbers with up to three digits, using formal written methods.
13. I can subtract a 3-digit number and ones mentally.
14. I can subtract a 3-digit number and T mentally.
15. I can subtract a 3-digit number and H mentally.
16. I can subtract numbers with up to 3 digits, using formal written methods.
17. I can estimate the answer to a calculation and use inverse operations to check.

### *Multiplication and Division*

18. I can recall and use multiplication and division facts for my 2, 3, 5, 10 times tables.
19. I can recall and use multiplication and division facts for my 4, 6 and 7 times tables.
20. I can recall and use multiplication and division facts for my 8,9,11 and 12 times tables.
21. I can calculate two-digit numbers times one-digit numbers using formal written methods.
22. I can solve problems, including missing number problems, involving the 4 rules and other types of problems.

### *Fractions*

23. I can count up and down in tenths.
24. I can recognise that tenths arise from dividing an object into 10 equal parts.
25. I can divide one-digit numbers by 10.
26. I can divide quantities by 10.
27. I can recognise, find and write fractions of a set of objects.
28. I can recognise and show equivalent fractions e.g.  $\frac{1}{2}$ ,  $\frac{2}{4}$ .
29. I can add and subtract fractions with the same denominator within one whole  
 $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$ .
30. I can compare and order fractions with the same denominators.
31. I can solve problems that involve fractions

### *Measurement*

32. I can measure, compare, add and subtract lengths (km/m/cm/mm).
33. I can measure the perimeter of simple 2D shapes.
34. I can measure, compare, add and subtract mass (kg/g).
35. I can measure, compare, add and subtract volume/capacity (l/ml).
36. I can add and subtract amounts of money to give change, using both £ and p.
37. I can tell and write the time from an analogue clock to the nearest minute.
38. I can tell and write the time using a digital clock.
39. I can tell and write the time using Roman numerals from I to XII.
40. I can tell and write the time using a 24 hour clock.
41. I can record and compare time in terms of seconds, minutes and hours.
42. I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and night.
43. I know 60 seconds is one minute and how many days in each month, year & leap year.

### *Shape*

44. I can draw 2D shapes and make 3D shapes.
45. I can recognise 3D shapes in different orientations and describe their properties.
46. I can recognise angles as a property of shape.
47. I can recognise angles as a property of a turn.
48. I can identify right angles.
49. I can identify whether angles are greater than or less than a right angle.

### *Position and Direction*

50. I can recognise that two right angles make a  $\frac{1}{2}$  turn, three make  $\frac{3}{4}$  of a turn and four a complete turn.
51. I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

### *Statistics*

52. I can present data using bar charts, pictograms and tables.
53. I can interpret information from bar charts, pictograms and tables.
54. I can solve two-step questions using information presented in scaled bar charts and pictograms and tables e.g. 'How many more?' and 'How many less?'.

