Number Stacks
- Making sense of Numbers -

Key Skills: Number & Place Value

1	Read and write numbers to 10 in numerals	YR
2	Read and write numbers 11 to 20 in numerals	YR
3	Count backwards within 20 from any given number	YR
4	Identify 1 more or 1 less than a given number	YR
5	Order and compare numbers up to 20 using language 'more' and 'fewer'	YR
6	Count in multiples of 10 up to 100	Y1
7	Count backwards in multiples of 10 within 100	Y1
8	Read and write numbers to 100 in numerals, recognising the place value of each digit	Y1
9	Count backwards within 100 from any given number	Y1
10	Identify 1or 10 more or less than a given number	Y2
11	Compare and order numbers from 0-100 using <> and = signs	Y2
12	Read and write 3-digit numbers in numerals, recognising the place value of each digit	Y3
13	Find 10 or 100 more or less than a given number	Y3
14	Read and write 4-digit numbers in numerals, recognising the place value of each digit	Y3
15	Round any number to the nearest 10, 100 or 1000	Y4
16	Read and write numbers to at least 1 million	Y5
17	Compare and order numbers up to 1 million	Y5
18	Round any number to a given degree of accuracy	Y6

Key Skills: Addition & Subtraction

1	Recognise number bonds to 10	Y1
2	Recognise number bonds for numbers within 10	Y1
3	Add single digit numbers	Y1
4	Subtract single digit numbers	Y1
5	Subtract single digit numbers from numbers up to 20	Y1
6	Add a two-digit number and 1s	Y2
7	Add a two-digit number and 10s	Y2
8	Add a pair of two-digit numbers	Y2
9	Subtract a two-digit number and 1s	Y2
10	Subtract a two-digit number and 10s	Y2
11	Subtract a pair of two-digit numbers	Y2
12	Use the inverse relationship to solve missing number problems	Y2
13	Add numbers mentally, including: a three-digit number and 1s, 10s or 100s	Y3
14	Subtract numbers mentally, including: a three-digit number and 1s, 10s or 100s	Y3
15	Add numbers with 3 or more digits using a formal written method	Y3
16	Subtract numbers with 3 or more digits using a formal written method	Y3

Key Skills: Multiplication & Division

1	Double numbers up to 10	Y1
2	Halve numbers up to 20	Y1
3	Calculate and write mathematical statements using the (X) and (=) signs, using tables they know	Y2
4	Calculate and write mathematical statements using the (÷) and (=) signs, using tables they know	Y2
5	Calculate mentally 2-digit times 1-digit numbers	Y3
6	Divide numbers going beyond 12 times the number using the tables that they know	Y3
7	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	Y4
8	Use known multiplication facts to calculate division with remainders	Y4
9	Identify multiples and factors of a number, and use the vocabulary of common factors and prime numbers	Y5
10	Multiply numbers of up to 4 digits by a two-digit number using a formal written method	Y5
11	Divide numbers of up to 4 digits by a one-digit number using a formal method	Y5
12	Divide numbers of up to 4 digits by a two-digit number using a formal method	Y6

Key Skills: Fractions

1	Recognise and find half or a quarter of an object, shape or quantity	Y1
2	Recognise, name and find 1/3, ¼, 2/4 and ¾ of a shape, set of objects or quantity.	Y2
3	Find and write fractions of amounts including unit and non-unit fractions with small denominators	Y3
4	Add and subtract fractions with the same denominator	Y4
5	Recognise and find equivalent fractions	Y4
6	Recognise mixed numbers and improper fractions and convert from one to the other	Y5
7	Use common factors to compare and order fractions	Y5
8	Add and subtract fractions with denominators that are multiples of the same number	Y5
9	Use common factors to simplify fractions	Y6
10	Multiply a proper fraction by a whole number	Y6
11	Multiply pairs of proper fractions	Y6
12	Divide fractions including fractions by whole numbers, whole numbers by fractions and pairs of fractions.	Y6

Key Skills: Decimals & Percentages

1	Recognise that decimals come from splitting ones into smaller parts and count up or down in tenths	Y3
2	Add numbers with one decimal place	Y3
3	Subtract numbers with one decimal place	Y3
4	Round decimals with one decimal place to the nearest whole number.	Y4
5	Recognise and count up or down in hundredths	Y4
6	Add numbers with two decimal places	Y4
7	Subtract numbers with two decimal places	Y4
8	Recognise the decimal equivalents of ¼ ½ and ¾	Y4
9	Multiply and divide whole numbers and decimals by 10, 100 and 1000	Y5
10	Recognise the % symbol and know the equivalence between common fractions, decimals and percentages	Y5
11	Find percentages of amounts	Y6