

Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place Value CSM 68-75 [KEY] Count from 0 in multiples of 4, 8, 50 and 100. [KEY] Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Read and write numbers up to 1000 in numerals and in words. Compare and order numbers up to 1000. [KEY] Find 10 or 100 more or less than a given number. Identify, represent and estimate numbers using different representations. [KEY] Solve number problems and practical problems involving working with and estimating numbers up to 1000 in a variety of units.			Number: 4 operations (+ - x ÷) Addition & subtraction: CSM 76-81 Multiplication & division: CSM 82-84 [KEY] Add and subtract numbers mentally, including three-digit number and ones. [KEY] Add and subtract numbers mentally, including three-digit number and tens. [KEY] Add and subtract numbers mentally, including three-digit number and hundreds. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. [KEY] Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. [KEY] Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. Solve worded addition and subtraction problems. Estimate the answer to a calculation and use inverse operations to check answers (big maths).						Number: Fractions CSM 85-92 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. [KEY] Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. [KEY] Count up and down in tenths. [KEY] Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. [KEY] Recognise and show, using diagrams, equivalent fractions with small denominators. Add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]. Compare and order unit fractions, and fractions with the same denominators Solve problems that involve my understanding of fractions.			Measurement: Length and Perimeter CSM 93-94 [KEY] Measure, compare, add and subtract: lengths (m,cm,mm). Measure the perimeter of simple 2-D shapes	

Spring

Number:
4 operations (+ - x ÷)
CSM 76-84

[KEY] Add and subtract numbers mentally, including three-digit number and ones.

[KEY] Add and subtract numbers mentally, including three-digit number and tens.

[KEY] Add and subtract numbers mentally, including three-digit number and hundreds

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.

Estimate the answer to a calculation and use inverse operations to check answers.

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

[KEY] Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

[KEY] Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and

progressing to formal written methods.

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

Measurement:
Money
CSM 95

[KEY] Add and subtract amounts of money to give change, using both £ and p in practical contexts.

Geometry:
Properties of Shape
CSM 102-108

Draw 2-D shapes and make 3-D shapes using modelling materials.

Recognise 3-D shapes in different orientations and describe them.

Recognise angles as a property of shape or a description of a turn.

[KEY] Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Measurement:
Time

CSM 96-101

[KEY] Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.

Estimate and read time with increasing accuracy to the nearest minute.

Record and compare time in terms of seconds, minutes and hours.

Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.

Know the number of seconds in a minute and the number of days in each month, year and leap year.

Compare durations of events [for example to calculate the time taken by particular events or tasks].

Summer	Number: Fractions CSM 85-92 [KEY] Count up and down in tenths. [KEY] Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. [KEY] Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. [KEY] Recognise and show, using diagrams, equivalent fractions with small denominators. Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]. Compare and order unit fractions, and fractions with the same denominators Solve problems that involve my understanding of fractions.	Measurement: Mass and Capacity CSM 93 [KEY] Measure, compare, add and subtract: lengths (m,cm,mm); mass (kg,g); volume,capacity (l,ml).	Statistics CSM 109-110 [KEY] Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	Geometry: Properties of Shape CSM 102-108 Draw 2-D shapes and make 3-D shapes using modelling materials. Recognise 3-D shapes in different orientations and describe them. Recognise angles as a property of shape or a description of a turn. [KEY] Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn . [KEY] Identify whether angles are greater than or less than a right angle. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	Consolidation to include 4 operations, length & perimeter, mass & capacity	
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Key Learning

- Become increasingly fluent with whole numbers and the four operations, including number facts and the concept of place value.
 - Develop efficient written and mental methods and perform calculations accurately with increasingly large whole numbers.
- Solve a range of problems, including with simple fractions and decimal place value. □ Develop mathematical reasoning so they can analyse a range of concepts.
 - Read and spell mathematical vocabulary correctly and confidently, using their growing word reading knowledge and their knowledge of spelling.

Cultural Capital

By creating meaningful contexts for pupils to understand and apply their learning.
 By creating opportunities for pupils to solve a range of problems in real life and abstract contexts.
 Maths Outside the Classroom opportunities taken around the school grounds, especially geometry and measurement.
 Linked Science and STEM opportunities especially connected to data collection and representation

Vocational Links

Link Super 7 key figures where possible to maths/ science

Vocabulary	Vocabulary	Vocabulary
numeral sequence predict estimate addition sum total subtraction difference between equals multiplication multiply factor product division divide dividend divisor quotient inverse	perimeter length width factor product dividend divisor quotient money penny pence chart represent compare measure fraction numerator denominator tenth parts	fraction numerator denominator whole time hour minute o'clock 12 hour 24 hour side angle perpendicular parallel edge vertex weigh weight capacity scales