

Medium term Plans for Spring Year 4

Main focus of teaching and activities
<p>Number, place value and money</p> <p>Divide 2-digit numbers by 10 to create 1-place decimal numbers</p> <p>Multiply 1-place decimals to give whole numbers.</p> <p>Relate fractions to decimals ($0.1 \equiv 1/10$)</p> <p>Relate one place decimals to cm and mm</p> <p>Compare one place decimal numbers</p>
<p>Written addition and subtraction</p> <p>Add amounts of money using expanded and compact addition</p> <p>Add amounts of money using expanded and compact addition</p> <p>Count up to solve 3-digit subtractions</p> <p>Count up to find change from £5 and £10</p> <p>Count up to find a price difference</p>
<p>Written addition and mental subtraction</p> <p>Add three 2-digit numbers using compact addition</p> <p>add four 2-digit numbers using compact addition</p> <p>Subtract 3-digit numbers using expanded column subtraction</p> <p>Subtract 3-digit numbers choosing an efficient method</p> <p>Investigate patterns when subtracting 3-digit numbers</p>

Main focus of teaching and activities
<p>MEASURES/DATA Length, weight, bar charts</p> <p>Measure in m and cm; convert from cm to m and m & cm to m</p> <p>Measure in cm/mm; convert from mm to cm</p> <p>Weigh in Kg/g; convert from kg to g and vice versa</p> <p>Estimate weights and order items by weight; display information on a bar graph</p> <p>Measure weights or lengths using SI units; display results on a bar graph</p>
<p>FRACTIONS</p> <p>Identify equivalent fractions, especially in relation to halves and quarters</p> <p>Simplify fractions by reducing to their simplest form</p> <p>Identify equivalent fractions and mark on a number line</p> <p>Mark equivalent fractions/decimals on a number line</p> <p>Add fractions with the same denominator</p>
<p>Number, place value and money</p> <p>Multiply and divide by 10 and 100 using 1-place decimals</p> <p>Multiply multiples of 10 and 100 by single-digit numbers</p> <p>Add and subtract 0.1 and 1 to/from numbers with one decimal place</p> <p>Use negative numbers in context of temperature</p> <p>Place negative numbers on a line; Order positive and negative numbers</p>

Main focus of teaching and activities

Written addition and mental subtraction

Add/subtract single-digit numbers to and from 3 and 4-digit numbers

Subtract single-digit numbers from 3 and 4-digit numbers

Add multiples of 10, 100 and 1000

Subtract multiples of 10, 100 and 1000

Add and subtract multiples of 10, 100 and 1000

Written addition and subtraction

Add three 3-digit numbers using compact addition

Use compact addition to add amounts of money

Use expanded decomposition to subtract three-digit numbers

Introduce compact decomposition to subtract three-digit numbers

Use compact decomposition to subtract three-digit numbers

MEASURES/SHAPE Time, position and direction

Tell time on digital and analogue clocks using 24 hour clock

Convert 24 hour clock to am and pm times

Use timetables and calculate intervals

Use x, y co-ordinates on a graph (first quadrant)

Use x, y co-ordinates to draw shapes in first quadrant

Main focus of teaching and activities

Mental multiplication and division

Know multiplication and division facts for the 9 times table

Begin to know multiplication and division facts for the 7 times table

Revise all times tables up to 12×12

Find factors of numbers up to 40

Use tables facts and place value to multiply multiples of 10 and 100 by single-digit numbers

Written multiplication and division

Use partitioning to multiply 3-digit numbers by 1-digit numbers

Use partitioning to multiply 3-digit numbers by 1-digit numbers

Use partitioning to multiply 3-digit numbers by 1-digit numbers

Know the 11 and 12 times

Divide 2-digit numbers by single-digit numbers (with remainders)