

Medium term Plans for Spring Year 3

Main focus of teaching and activities

1 Number, place value and money

Partition numbers into 100s, 10s and 1s. Understand place value in 3-digit numbers.

Place 3-digit numbers on a number line.

Partition 3-digit numbers into 100s, 10s and 1s; compare and order numbers.

Use a number line to compare and order 3-digit numbers.

Place 3-digit numbers on a number line.

2 Mental addition and subtraction

Choose strategies to subtract.

Add pairs of 2-digit numbers using different strategies.

Subtract multiples of 10 and near multiples.

Use counting up to find differences (subtract).

Add pairs of 2-digit numbers using different strategies.

Main focus of teaching and activities

3 Written addition and mental subtraction

Subtract a 2-digit number from a 3-digit number using counting up (Frog).

Add 3-digit numbers using expanded addition.

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Subtract a 2-digit number from a 3-digit number using counting up (Frog).

Add 3-digit numbers using expanded addition.

4 MEASURES/DATA Length, weight, bar charts

Measure in m, cm and mm, kg and g. Draw a bar graph.

Measure in cm and mm. Convert mm to cm and vice versa.

Measure in kg and g. Convert g to kg and vice versa.

Measure in kg and g. Draw a bar graph.

Measure in metres and cm; convert cm to m and vice versa.

5 FRACTIONS

Recognise and find fractions with a total of 1.

Finding fractions of amounts ($\frac{1}{4}$ s and $\frac{1}{8}$ s).

Finding fractions of amounts ($\frac{1}{3}$ s and $\frac{1}{6}$ s).

Understanding denominator & numerator and comparing fractions.

Place fractions on a number line ($\frac{1}{4}$ s $\frac{1}{2}$ s, $\frac{1}{8}$ s).

Main focus of teaching and activities

6 Number, place value and money

Using inverse operations.

Place value in 3-digit numbers including money.

Multiplying and dividing by 10.

Multiplying and dividing by 10 and 100.

Multiplying and dividing by 10 and 100 using money.

7 Mental addition and mental subtraction

Add a 1-digit number to a 3-digit number.

Subtract a 1-digit number from a 3-digit number.

Add/subtract multiples of 10 and 100.

Add/subtract multiples of 10 and 100.

Using addition and subtraction to solve word problems.

8 Written addition and mental subtraction

Expanded addition to add two 3-digit numbers.

Expanded addition to add two 3-digit numbers.

Find a difference between pairs of numbers within the same century

Find a difference between pairs of numbers, check with addition.

Addition and subtraction word problems.

Main focus of teaching and activities

9 MEASURES/SHAPE Time, position and direction

Read and write analogue and digital times.

Match analogue & digital times; read and write these.

Begin to calculate time intervals.

Begin to calculate time intervals.

Understand angles as turn and right angles as $\frac{1}{4}$ turns.

10 Mental multiplication and division

Double the 4 times table to get the 8 times table.

Varied multiplications for the 2, 3, 4, 5, 8, 10 times tables.

Division within tables with remainders.

Division within tables with remainders.

Multiplication and division word problems.

Mental multiplication and division

Multiply by 4 by doubling twice.

Divide by 4 by halving twice.

Find unit fractions of quantities using division facts.

Find non-unit fractions of quantities using division and multiplication.

Find non-unit fractions of quantities using division and multiplication.