

[illegible]

Unit Aim: children will recognise the place value of each digit in a four-digit number and continue to order and compare numbers up to 10,000 using mathematical vocabulary and symbols. They will identify, represent and estimate numbers using different representations and will round numbers to the nearest 100. Children will focus on counting from 0 in multiples of 6, 7, 9, 25 and 100; count backwards through zero to include negative numbers; and find 1000 more or less than a given number. They will begin to read Roman numerals up to 100. Finally, children will have the opportunity to use all their number and place value skills to solve a range of problems

Prior Learning:

able to recognise the place value of each digit in single-digit and two-digit number (tens, unit) read and write numbers to at least 10, 20 100 in numerals and in words. Use place value and number facts to solve simple problems

Future Learning:

Unit Expectations:

All: will count forwards, backwards, in sequence numbers to 10/20 and beyond. Know the value of each digit to 10. Understand how to compare and order numbers

Some: pupils should know the number bonds to 20 and be precise in using and understanding place value.

A Few: will count across 10,20. Read and write numbers in numerals and words to 10, 20

Links with other subjects:

ICT: play number games -read and solve problems sequences

Literacy read and write numbers in words

History: Roman numerals

Pupil Asset Milestones to be achieved:

Subject: Number Place Value

Stage 3

Recognises the place value of each digit in a three-digit number (hundreds, tens, ones).

Compares and orders numbers up to 1000.

Identifies, represents and estimates numbers using different representations.

Reads and writes numbers up to 1000 in numerals and in words.

Solves number problems and practical problems involving these ideas.

Solves number and practical problems that involve all of the above and with increasingly large positive numbers
Counts from 0 in multiples of 4, 8, 50 and 100; finds 10 or 100 more or less than a given number.
Recognises the place value of each digit in a three-digit number (hundreds, tens, ones).
Compares and orders numbers up to 1000.
Identifies, represents and estimates numbers using different representations.
Reads and writes numbers up to 1000 in numerals and in words.
Solves number problems and practical problems involving these ideas.
Solves number and practical problems that involve all of the above and with increasingly large positive numbers
Number - addition and subtraction
Adds and subtracts numbers mentally, including a three-digit number and ones.
Add and subtracts numbers mentally, including a three-digit number and tens.
Adds and subtracts numbers mentally, including a three-digit number and hundreds.
Adds and subtracts numbers with up to three digits, using formal written methods of columnar addition and subtraction.
Estimates the answer to a calculation and uses inverse operations to check answers.
Solves problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
Number - addition and subtraction
Stage 2
Number and place value
Counts in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
Recognises the place value of each digit in a two-digit number (tens, ones).
Identifies, represents and estimates numbers using different representations, including the number line.
Compares and orders numbers from 0 up to 100; use <, > and = signs.
Reads and writes numbers to at least 100 in numerals and in words
Uses reasoning about place value and number facts to solve problems
Addition and Subtraction
Shows that addition of two numbers can be done in any order and subtraction of one number from another cannot.

Recognises and uses the inverse relationship between addition and subtraction and use this to check calculations and solves missing number problems
Stage 1
Number and place value
Counts to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
Counts, reads and writes numbers to 100 in numerals; counts in multiples of twos, fives and tens.
Given a number, identifies one more and one less.
Identifies and represents numbers using objects and pictorial representations including the number line, and uses the language of: equal to, more than, less than (fewer), most, least.
Reads and writes numbers from 1 to 20 in numerals and words
Number - addition and subtraction
Reads, writes and interprets mathematical statements involving addition (+), subtraction () and equals (=) signs.
Represents and uses number bonds and related subtraction facts within 20.
Adds and subtracts one-digit and two-digit numbers to 20, including zero Solves one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = n - 9$.
W/K9
Number and place value
Counts reliably with numbers from one to 20, placing them in order.
Says which number is one more than a given number. Says which number is one less than a given number.
Writes numerals up to 20 with increasing accuracy.
Records numbers from 1-20 and associates these with the number of objects they have counted.
Recognises 0 and none and zero in stories and rhymes and counting and ordering.
Number and place value
Counts reliably with numbers from one to 20, placing them in order.
Number - addition and subtraction

Using quantities and objects, adds and subtracts two single-digit numbers and counts on or back to find the answer.
Using numbers up to 10, solves problems involving addition or subtraction, including comparing two sets to find a numerical difference.
Begins to know by heart all pairs of whole numbers with totals up to 10 and uses these facts to add or subtract a pair of numbers mentally.
Moves forwards and backwards using a number line to 20.
Number - addition and subtraction

Week	Session 1 Number	Session 2 Number	Session 3 Number	Session 4 Number	Session 5 Number
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<p>1 06/09/21</p>	<p>Lesson Objective Counting forwards and backwards to 20</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Solve the questions on the sheet. KG AD ES FK FM-D - Sort a set of objects according to criteria Sukhi/Katie ZH PB</p> <p>Sophie</p>	<p>Lesson Objective Tens and ones within 20 I know my tens and ones within 20 I can identify place value for each digit within 20</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Identify each digit place value within 20, 50 KG AD ES FK FM-D - Use place resources to identify place value for each digit -Sukhi/Katie ZH PB (follow Year 1 plans) Counting to 10 using objects Sophie</p>	<p>Lesson Objective Counting forwards and backwards to 50 I can count forwards and backwards within 50</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Count on number line to 50 forwards and backwards KG AD ES FK FM-D - Number square counting. Missing number no square Sukhi/Katie ZH PB (follow Year 1 plans) Counting to 10 using objects Sophie</p>	<p>Lesson Objective Tens and ones within 50 I can identify the place value of each digit</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Name each place value given within 50/answer Qs on worksheet KG AD ES FK FM-D - Use place value cards to identify place value Sukhi/Katie ZH PB (follow Year 1 plans) Counting to 10 using objects Sophie</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>2 13/09/21</p>	<p>Lesson Objective Compare numbers within 50</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Use symbols to identify greater than/less than with some guidance KG AD ES FK FM-D - Image to recognise the <>symbols to compare digits Sophie/Katie ZH PB Jayne (follow Year 1 plans) Counting to 10 using objects</p>	<p>Lesson Objective Count objects to 100 and read and write numbers in numeral and words</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Count set of objects and group then. Read and write numbers given from the number square KG AD ES FK FM-D - Read and write numbers given correctly. Use resources to read on number square Sophie/Katie ZH PB Jayne (follow Year 1 plans)</p>	<p>Lesson Objective Represent numbers to 100 (activity)</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi How to group beads, match the number to set of cubes, sticks etc KG AD ES FK FM-D - Match the numbers to image using cubes WR questions Sophie/Katie ZH PB Jayne (follow Year 1 plans)</p>	<p>Lesson Objective Represent numbers to 100</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Complete the number sentences and represent given numbers KG AD ES FK FM-D - represent numbers in different ways. Sophie/Katie ZH PB Jayne ((follow Year 1 plans)</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>3 20/09/21</p>	<p>Lesson Objective Tens and ones with a part-whole model</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Tens and ones using addition</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Use a place value chart</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley - guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Compare objects</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence</p> <p>RO JK Support with reading the questions and suggest a method to solve the task</p> <p>KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>4 27/09/21</p>	<p>Lesson Objective Compare numbers</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support.</p>	<p>Lesson Objective Order objects and numbers</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Count in 2s</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley - guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective Count in 5s and 10s</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW</p> <p>Finley & Riley -guidance</p> <p>Jimmy & Freddie - Support</p> <p>Preston 7 Kieran - guidance with some support</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>5 04/10/21</p>	<p>Lesson Objective Count in 3s</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Count in 3s in various ways. Recite counting in 3s KG AD ES FK FM-D - Sukhi/Katie ZH PB (follow Year 1 plans) Use a range of resources to count in 3s Sophie</p>	<p>Lesson Objective Fact families-addition and subtraction bonds to 20</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Use inverse to find fact families/write number sentences to show the fact family KG AD ES FK FM-D - Sukhi/Katie ZH PB Sophie (follow Year 1 plans)</p>	<p>Lesson Objective Check calculations</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Calculate number sentence and chance answers using fact families KG AD ES FK FM-D - Sukhi/Katie ZH PB Sophie (follow Year 1 plans) .</p>	<p>Lesson Objective Compare number sentences</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Jayne Compare similar calculations and find simple patterns KG AD ES FK FM-D - Sukhi/Katie ZH PB Sophie (follow Year 1 plans)</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>6 11/10/21</p>	<p>Lesson Objective Know your bonds</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Quick fire Qs on bonds to 10, 20, 50, 100 WR questions KG AD ES FK FM-D - Quick fire questions-find two numbers to 10, 20 Sophie/Katie</p> <p>ZH PB find two numbers to 10 Jayne (follow Year 1 plans)</p>	<p>Lesson Objective Related facts</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Ask what is different/same? Find the relationship between the different numbers KG AD ES FK FM-D - Sophie/Katie As above, use cubes/images etc ZH PB Jayne (follow Year 1 plans) Set cube of 10 then take or add to make the 10</p>	<p>Lesson Objective Bonds to 100 (tens)</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Find multiples of 10 Use 10 frame to represent 100 KG AD ES FK FM-D - Bonds to 10, 100 Sophie/Katie</p> <p>ZH PB Bonds to 10 continue to build on bonds for 10, 20 Jayne (follow Year 1 plans)</p>	<p>Lesson Objective Add and subtract 1s</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sukhi Solve problems involving add/a/subtract 1 KG AD ES FK FM-D - Use bead string to add/subtract 1 Sophie/Katie</p> <p>ZH PB Jayne (follow Year 1 plans) Add 1 to number of objects</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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<p>7 18/10/2</p>	<p>Lesson Objective Add and subtract 10</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH -Sophie Calculate mentally 10 more/less. Repeat several numbers. KG AD ES FK FM-D - Complete mentally then on sheet to find 10 more/less Jayne/Katie ZH PB (follow Year 1 plans) Add/subtract 10 from given number of objects Sukhi</p>	<p>Lesson Objective Add by making 10</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH - Sophie Input/output activity KG AD ES FK FM-D - WR activity questions Jayne/Katie</p> <p>ZH PB Sukhi (follow Year 1 plans) Subtract/add 10 to single digit</p>	<p>Lesson Objective Add a 2-digit and 1-digit number -crossing ten</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH - Sophie Find two numbers to 10, develop a quick recall. Questions WR questions KG AD ES FK FM-D - As above-start with two single-digit number Jayne/Katie ZH PB (follow Year 1 plans) Count single digit numbers and then add to find 10 Sukhi</p>	<p>Lesson Objective Add a 2-digit and 1-digit number -crossing ten</p> <p>Activities Starter PPT/Video Pupils answer questions on w/b Maths Questions from SoW ZB TH - Sophie Solve mentally two-digit number with single-digit quickly. Complete WR questions KG AD ES FK FM-D - As above but with support and manipulatives Jayne/Katie ZH PB (follow Year 1 plans) Count then add together Sukhi</p>	<p>Lesson Objective I can solve simple problems using my understanding of the four operations</p> <p>Activities ZH TH Solve problems with guidance -read the questions with some support- solve using some independence RO JK Support with reading the questions and suggest a method to solve the task KG AD Support with reading. Support them with methods used for solving problems</p>
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