



Framework objectives:

Unit 1 - Place value - Weeks 1 - 4

- Represent numbers to 100 (R)
- Hundreds
- Represent numbers to 1000
- Represent numbers to 1000 on a place value grid.
- Number line to 100 (R)
- Number lines to 1,000
- Find 1, 10, 100 more or less than a given number
- Comparing objects to 1,000
- Compare numbers to 1,000
- Order numbers to 1,000
- Counting in 50s

Addition and subtraction

- Add and subtract multiples of 100
- Add and subtract 3 digit and 1 digit numbers - not crossing 10
- Add 3 digit and 1 digit - crossing 10
- Subtract 1 digit from 3 digit - crossing 10
- Add and subtract three digit and two digit numbers - not crossing 100.
- (multiples of 10)
- Add three digit and two digit numbers - crossing 100.
- (multiples of 10)
- Subtract three digit and two digit numbers - crossing 100.
- (multiples of 10)
- Add and subtract 100s
- Add two digit and three digit numbers - no exchange
- Add two digit and three digit numbers - exchange
- Adding two three digit numbers - no exchange
- Adding two three digit numbers - exchange
- Subtract a three digit number from a three digit number - no exchange
- Subtract a three digit number from a three digit number - exchange

(R means an activity that is a recap on skills that may have been missed during lockdown)

Tasks/activities informed by National Curriculum:

Place Value

- Identify, represent and estimate numbers using different representations.
- Find 10 or 100 more or less than a given number
- Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).
- Compare and order numbers up to 1000
- Read and write numbers up to 1000 in numerals and in words.
- Solve number problems and practical problems involving these ideas. Count from 0 in multiples of 4, 8, 50 and 100

Unit 2 - Addition and Subtraction - weeks 5 - 10

- Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a 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.

Selected Resources

Base 10
Number lines
Place Value arrow cards
Bead strings
Place value grids and counters
Part whole models.

Vocabulary:

Place value, digit, numeral, base 10, number line, estimate, hundreds, tens, ones, less, fewer, more, greater, compare, order, partition, part whole, representation, ten frame.

Addition, add, plus, more, subtraction, subtract, less, minus, column addition, column subtraction, equals, multiple, exchange, inverse, estimate, efficient, method, inequality symbols