

In this unit we will ...

- Add and subtract 100s
- Add and subtract 1s from a 3 digit number
- Add and subtract 10s from a 3 digit number
- Adding a 3 digit number and a 2 digit number
- Subtracting a 3 digit number and a 2 digit number

Year 3 Addition and Subtraction

National Curriculum Link – Year 3 addition and subtraction

- Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
- Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

How does this unit build on prior learning?

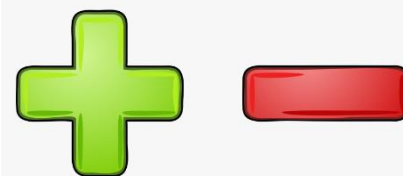
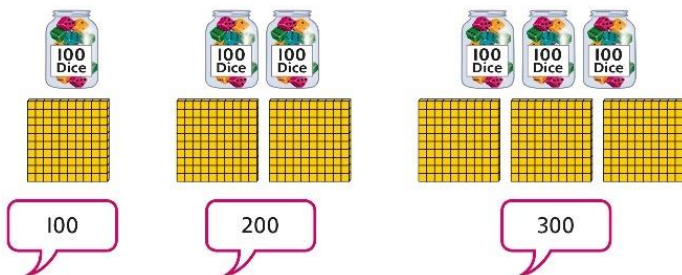
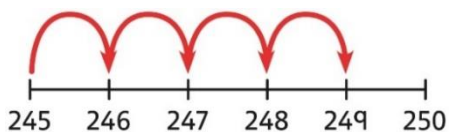
This unit builds upon the previous work children have done on place value within 1,000. It also builds upon children's ability to solve addition and subtraction calculations, by introducing exchange and formal written methods. This unit also develops children's reasoning and justifying skills which they are developing throughout the year.

Before they start this unit, it is expected that children:

- understand how to represent numbers to 1,000 on a number line and using place value equipment
- are able to partition numbers flexibly
- know how parts and wholes are related in additions and subtractions.

H	T	O
2	4	9

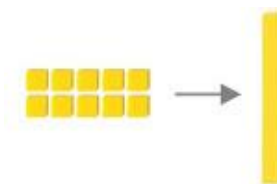
H	T	O
3	1	9



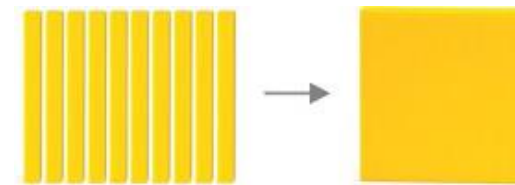
$1 \times 4 = 4$	$1 \times 3 = 3$
$2 \times 4 = 8$	$2 \times 3 = 6$
$3 \times 4 = 12$	$3 \times 3 = 9$
$4 \times 4 = 16$	$4 \times 3 = 12$
$5 \times 4 = 20$	$5 \times 3 = 15$
$6 \times 4 = 24$	$6 \times 3 = 18$
$7 \times 4 = 28$	$7 \times 3 = 21$
$8 \times 4 = 32$	$8 \times 3 = 24$
$9 \times 4 = 36$	$9 \times 3 = 27$
$10 \times 4 = 40$	$10 \times 3 = 30$
$11 \times 4 = 44$	$11 \times 3 = 33$
$12 \times 4 = 48$	$12 \times 3 = 36$

Key Vocabulary	
addition	The sum of two numbers
subtraction	The difference between two values
mental method	Working out the answer in your head
column method	Adding or subtracting by writing the numbers down in the correct column
exchange	Swap

Hundreds	Tens	Ones
100	10	1



10 ones make 1 ten



10 tens make 1 hundred

Maths at Alice Ingham

