



Year 3

Unit 4

Addition and Subtraction: Mental Methods

What will I say?

Sentences and Vocabulary

Suggested
Sentence Stems
and Generalised
Sentences

Essential
Vocabulary

Addition and subtraction: Mental Methods

What will I hear? What will I say?

Manageable Step	Generalised sentence	Stem Sentence	Essential Vocabulary to use during the unit	
Add ones to three-digit numbers using number facts where the tens don't change	The sum is the result of adding numbers 10 ones equal 1 ten To add 9, add 10 then subtract 1 When I add tens the ones digit doesn't change	If I know....then I also know... When I add ones to a three-digit number, the ones...the tens...the hundreds... If I know....then I also know... When I add tens to a three-digit number, the one...the tens...the hundreds...	zero regroup ones tens hundreds total plus sum addend	
Add ones to three-digit numbers using bridging				
Add ones to three-digit numbers by rounding to ten then compensating				
Add tens to three-digit numbers using number facts, where the hundreds don't change	10 tens equal 1 hundred When I add hundreds, the tens and ones digits don't change To add 99, add 100 then subtract 1	If I know....then I also know... to add _ add _00 then subtract _ _ equals _ hundreds, _ tens and _ ones _ ones add _ ones equal _ ones _ tens and _ tens equal _ tens _ hundreds add _ hundreds equal _ hundreds		
Add tens to three-digit numbers using bridging				
Add hundreds to three-digit numbers using number facts				
Add 99 to three-digit numbers using rounding to the nearest hundred and then compensating				
Add two 3-digit numbers using rounding to the nearest hundred and then compensating				
Add two 3-digit numbers by partitioning and recombining (no regrouping)	10 tens equal 1 hundred			
Add two 2-digit numbers where the sum exceeds 100, choosing an efficient mental strategy				

Words to use in this unit

zero

regroup

ones

tens

hundreds

total

plus

sum

addend



zero

sum

ones

tens

total

plus

hundreds

regroup

addend





The sum is the
result of adding
numbers.

If I know...
then I also
know...





10 ones equal
1 ten.

When I add
ones to a three-
digit number,
the ones...
the tens...
the hundreds...





To add 9,
add 10 then
subtract 1

When I add tens
the ones digit
doesn't change.





10 tens equal
1 hundred.

When I add tens
to a three-digit
number,
the ones...
the tens...
the hundreds...





When I add
hundreds, the
tens and ones
digits don't
change.

To add 99,
add 100 then
subtract 1





To add __,
add __00 then
subtract __

__ equals
__ hundreds,
__ tens and
__ ones.





_ ones
add _ ones
equal _ ones.

_ tens
add _ tens
equal _ tens.





_ hundreds add
_ hundreds equal
_ hundreds

10 tens equal
1 hundred

