Year 4 Addition and Subtraction Learning Journey

Ready to Progress

Non-statutory guidance for key skills and knowledge needed Resources, ideas and assessment questions available in the Maths Guidance NCETM

Year 3 Prior Learning	Year 4	NCETM
Add numbers with up to 3 digits	Add numbers with up to 4 digits using the	
using the formal written methods of	formal written methods of columnar addition	
columnar addition and subtraction	and subtraction where appropriate.	
where appropriate.		
✓ Use columnar addition for 3 and	 Use columnar addition for numbers with 	
2 digit numbers - no carrying	up to four digits with no carrying required.	
required.		
✓ Use columnar addition for 3 and	 Use columnar addition for four-digit 	
2 digit numbers – carrying	numbers with carrying required in the	
required in the ones column.	ones column.	
✓ Use columnar addition for 3 and	 Use columnar addition for four-digit with 	
2 digit numbers – carrying	carrying required in the tens.	
required in the tens column.		
 Use columnar addition for 2, 	 Use columnar addition for four-digit 	
three aigit numbers - no carrying	numbers with carrying required in the	
required.	nunareas.	
 Use columnar addition for 2, three digit numbers commission 	 Use columnar addition for four-digit numbers with corpling required in the 	
required in the ones column	thousands	
required in the ones columni.	tilousailus.	
 Use columnar addition for 2, three digit numbers - carrying 		
required in the tens column		
V Use columnar addition for 2		
three digit numbers - carrying		
required in the hundreds		
column		
	Characterization of the second distribution of the	
Subtract numbers with up to 3 digits	Subtract numbers with up to 4 digits using	
using the formal written methods of	the formal written methods of columnar	
where appropriate	addition and subtraction where appropriate.	
V Use columnar subtraction for 2	 Use columnar subtraction for numbers 	
and 2 digit numbers no	with up to four digits with po overlanging	
and 2 digit numbers - no	required	
\checkmark Use columnar subtraction for 2	\checkmark Use columnar subtraction for four-digit	
and 2 digit numbers -	and three-digit numbers with exchanging	
exchanging required in the tens	required in the tens column	
column.		
✓ Use columnar subtraction for 3	✓ Use columnar subtraction for four-digit	
and 2 digit numbers -	and three-digit numbers with exchanging	
exchanging required in the	required in the hundreds column.	
hundreds column.		
✓ Use columnar subtraction for 3	 ✓ Use columnar subtraction for four-digit 	
digit numbers – no exchanging	and three-digit numbers with exchanging	
required.	required in the thousands column.	
✓ Use columnar subtraction for 3	✓ Use columnar subtraction for four digit	
digit numbers –exchanging	numbers with no exchanging required.	
required in the tens column.		

Year 3	Year 4	NCETM
 ✓ Use columnar subtraction for 3 digit numbers –exchanging required in the hundreds column. 	 Use columnar subtraction for four digit numbers with exchanging required in the tens column. 	
	 Use columnar subtraction for four digit numbers with exchanging required in the hundreds column. 	
	 Use columnar subtraction for four digit numbers with exchanging required in the thousands column. 	
	 Use column subtraction for four-digit and four-digit numbers with exchanging required. 	
	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	
	 ✓ Solve two-step problems involving addition. 	
	 ✓ Solve two-step problems involving subtraction. 	
	 Solve two-step problems involving addition or subtraction 	
	Solve simple measure and money problems involving fractions and decimals to 2 decimal places.	
	 ✓ Use columnar addition for numbers with 2 decimal places with carrying required. 	
	 Add numbers with a mixture of 1 and 2 decimal places. 	
	 ✓ Use columnar subtraction for numbers with 2 decimal places with carrying required. 	
	 ✓ Subtract numbers with a mixture of 1 and 2 decimal places. 	