Progression of Key Concepts in Inspire Maths							
Addition and subtraction (making connections between the units) with reference to the pages in the Teacher's Guide							
Inspire Maths 1	Inspire Maths 2	Inspire Maths 3	Inspire Maths 4	Inspire Maths 5	Inspire Maths 6		
Number bonds: TG1A Unit 2 p32Key concepts: using concrete representations – cubes, balances. 'part-whole'.Addition within 10: TG1A Unit 3 p48Key concepts: using concrete representations to support 'counting on' and 'part-whole' relating addition to number bonds. The + (plus) and = (equals) symbols are introduced here as one of the C-P-A representations within this unit.• Adding by counting on: $\bigcirc \bigcirc $	 <u>Addition and subtraction</u> <u>within 1000: TG2A Unit 2</u> <u>p43</u> Key concepts: using place value charts with concrete representations. Using horizontal and column addition/ subtraction. <i>HTU ± U – no regrouping</i> <i>HTU ± U – no regrouping</i> <i>HTU ± TU – no regrouping</i> <i>HTU ± HTU – no regrouping</i> <i>HTU ± HTU – no regrouping</i> <i>HTU ± HTU – regrouping</i> <i>HTU ± HTU − regr</i>	Addition of numbers within 10 000: TG3A Unit 2 p38 Key concepts: addition with, then without, place value charts and concrete representations. Using column addition. • ThHTU + ThHTU – no regrouping • ThHTU + ThHTU – regrouping H • ThHTU + ThHTU – regrouping HTU <u>Subtraction of numbers</u> within 10 000: TG3A Unit 3 p63 Key concepts: using place value charts with concrete representations. Using column subtraction.	 Whole Numbers (3): Word problems (involving the four operations using a formal algorithm): TG4A Unit 3 p85 Solve up to 3 step whole number word problems involving the four operations Use model drawing and the unitary method to solve word problems Use part-whole, comparison, adding on or taking away model drawings to solve word problems Decimals (2): TG4B Unit 10 p64 ± involving tenths without regrouping ± involving tenths and ones with regrouping tenths and ones ± involving hundredths without regrouping ± involving hundredths, tenths and ones with regrouping hundredths, tenths and ones Word problems up to 2 decimal places 	 Whole Numbers (2): TG5A Unit 2 p49 Using a calculator, order of operations and Word problems Application of concepts and skills of four operations 	Algebra: TG6A Unit 1 p4 • Solve simple word problems involving algebraic expressions.		

Progression of Key Concepts in Inspire Maths						
Addition and subtraction (making connections between the units) with reference to the pages in the Teacher's Guide						
Inspire Maths 1	Inspire Maths 2	Inspire Maths 3				
<text><text><text><text><text></text></text></text></text></text>	Key vocabulary 9 grouping: TG2A p135 • volume: TG2B p137 • model: TG2A p100 • item: TG2A p108 • two-step word problem: TG2A p113	 Subtraction: Subtract two amounts of money without regrouping by first subtracting the pounds then the pence Subtract two amounts money using the strategy of compensation, in which the amount subtracted is rounded up to the nearest pound Subtract two amounts of money using the standard method Solving word problems: Length, Mass and volume: TG3B Unit 12 p67 Key concepts: addition and subtraction one- and two-step problems Time: TG3B Unit 15 p167 Add time with no regrouping by adding the hours first then the minutes Add time with regrouping by adding the minutes first then the hours Subtract time without regrouping by subtracting the hours first then the minutes Subtract time with regrouping by first regrouping the hours and minutes, next subtracting the minutes, then subtracting the hours Key vocabulary sum: TG3A p25 difference: TG3A p37 				





© Oxford University Press 2016

www.oxfordowl.co.uk



- Simple addition and subtraction:
- \circ TU \pm U no regrouping
- \circ TU \pm tens no regrouping
- TU ± TU no regrouping
- TU ± U regrouping
- TU ± TU regrouping ones

Money (2): TG1B Unit 19 p252

Key concepts: using concrete representations to support comparing, 'number bond' and 'part-whole'

• Adding and subtracting in pence

• Adding and subtracting in pounds

Progression of Key Concepts in Inspire Maths					
Addition and subtraction (making connections between the units) with reference to the pages in the Teacher's Guide					
Inspire Maths 1					
Key vocabulary					
• count on: TG1A p10	• rounds: TG1A p51				
number bond: TG1A p32	addition story: TG1A p54				
• part: TG1A p32	word problem: TG1A p56				
• whole: TG1A p32	• regroup: TG1A p197				
• add: TG1A p48	• subtract: TG1A p73				
• plus: TG1A p48	• minus: TG1A p73				
• equals: TG1A p48	• taking away: TG1A p73				
 addition sentence: TG1A p48 	• step: TG1A p75				
• group: TG1A p32	counting back: TG1A p77				
• total: TG1A p49	subtraction story: TG1A p80				
• most: TG1A p51	number sentence: TG1A p84				