Summary of Activities

for Book 1

LI	Year K	Year 1	
1			
	☐ G4 ☐ G5		
2			
		☐ P1 ☐ P2	☐ **P3** ☐ **P4** ☐ **P6**
4			
		☐ H1 ☐ H4	☐ H2 ☐ H5
5			
		☐ C1 ☐ C2 ☐ C4	☐ C3 ☐ C5
7			
		☐ B4 ☐ B5	
8			
		☐ P9	
9			
		☐ B6 ☐ B8	☐ B7 ☐ B9

1

Summary of Activities

for Book 2

LI	Year 1	
1	Able to recognise numerals to 10	
	☐ C18	
2	Able to count a set of objects to 10	
	☐ C17 ☐ C19	
3	Able to count backwards from 10	
	☐ C12	
4	Able to recognise patterns to 5	
	☐ K3 ☐ K5	
5	Knows groupings within 5	
	☐ K1 ☐ K4	☐ K2 ☐ K6
6	Able to partition a set into two subsets	
	☐ L3 ☐ L4	☐ L1 ☐ L8
7	Able to order numbers to 10	
	☐ P9	
8	Able to give the number before and after up to 10	
	☐ C6 ☐ C7 ☐ C8	☐ C9 ☐ C16
9	Able to recognise and copy number patterns	
	☐ C15	

Summary of Activities

for Book 3

LI	Year 1	Year 2	
1	Able to solve addition and subtraction by counting all		
		☐ B1 ☐ F1 ☐ F2	
3	Able to use + and - to record number facts		
		☐ H2 ☐ H4 ☐ H6	☐ D2 ☐ D3 ☐ D5
4	Able to recognise numerals to 20		
	☐ D2 ☐ D5 ☐ D10		
5	Able to count forwards and backwards in range 0-20		
	D7 D9 D11		
6	Able to count a set of objects up to 20		
	D3 D1 D3		
7	Able to order numbers to 20		
		☐ K7	
8	Able to give number before and after up to 20		
	☐ D8		

Summary of Activities
for Book 4

LI	Year 1		Year 2	
1	Able to use a number line to solve addition and subtraction			
			☐ B3 ☐ B8 ☐ D9	☐ F3 ☐ H9 ☐ H10
2	Able to solve addition and subtraction by counting on from the largest number			
			☐ C2 ☐ C3	☐ G2 ☐ G3
5	Able to skip count in twos, fives and tens			
	☐ F1 ☐ F2 ☐ F3 ☐ F4	☐ F5 ☐ F6 ☐ F8		
6	Able to recall doubles facts to 10			
			☐ E1 ☐ I2	

Summary of Activities

for Book 5

LI	Year 1	Year 2
4	Able to count forwards and backwards in the range 0-100	
	☐ D7	
5	Able to recognise 2-digit numbers	
		☐ A4
7	Able to give the number before and the number after in the range 0-100	
		☐ A16
8	Understands the pattern of teen numbers	
		☐ A5

Summary of Activities
for Book 6

LI	Year 1		Year 2		Year 3	
9	Able to solve addition and subtraction problems by counting on and back					
			☐ A13 ☐ D11 ☐ H4	☐ D13 ☐ H6		
10	Able to record addition and subtraction using equations					
			☐ D14 ☐ D15	☐ H13 ☐ H14 ☐ V2	☐ E13	
11	Able to use "=" to solve equations					
	☐ L7 ☐ N6	☐ L2 ☐ N2			☐ E3 ☐ E12	
12	Knows groupings within 5 and 10					
					☐ K3 ☐ O1	
14	Able to recall doubles and halves to 20					
			☐ E1			
15	Able to recall addition and subtraction of teens as 10+					
					☐ E2 ☐ E7 ☐ F2 ☐ F5	☐ E6 ☐ E10 ☐ F6 ☐ F7 ☐ F10

IXL
Summary of Activities
for Book 7

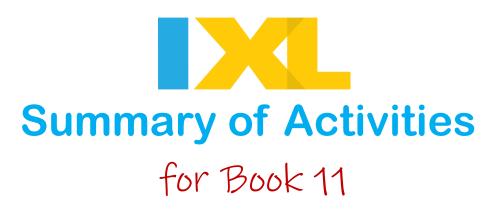| LI	Year 1	Year 2	Year 3
16	Understands basic concepts and symbols		
	☐ B10 ☐ C20	☐ A23	☐ C1 ☐ C3
17	Able to solve multiplication problems by skip counting in twos, fives and tens		
	☐ F1 ☐ F3 ☐ F5 ☐ F8	☐ A11 ☐ A22	☐ A11 ☐ A12
18	Able to count on and back in tens from any number		
	☐ E4	☐ A8 ☐ E7 ☐ I3	
21	Knows the number of tens and ones in any 2-digit number		
		☐ A9 ☐ A10	
22	Able to use doubles to solve addition and subtraction to 20		
		☐ E2 ☐ E3 ☐ I2	

Summary of Activities

for Book 8

LI	Year 1		Year 2		Year 3	
1	Able to identify odd and even numbers					
					☐ A6 ☐ A8 ☐ A10	☐ A7 ☐ A9
2	Able to recall addition and subtraction facts to 20					
					☐ F9 ☐ F12	
3	Able to use equals to balance equations					
					☐ M4 ☐ M9	
4	Able to solve number problems					
					☐ E14 ☐ E15	☐ M11 ☐ M13
5	Understands the link between skip counting and multiplication					
			☐ X1			
6	Able to skip count in threes and fours					
					☐ Y2 ☐ Y4	
7	Understands the NZ denominations of money					
	☐ S4 ☐ S5		☐ S1 ☐ S3			
8	Able to solve problems using money					
			☐ S7 ☐ S8		☐ S6 ☐ S9	

Summary of Activities
for Book 9

LI	Year 2	Year 3	Year 4
9	Able to solve multiplication problems by skip counting (advanced)		
		☐ Y1 ☐ Y3	☐ A3
10	Knows the multiplication facts x2		
			☐ G3
11	Knows the multiplication facts x5		
			☐ G6
12	Knows the multiplication facts x10		
		☐ G11	☐ G13 ☐ G14
14	Able to work with, and round, to tens		
		☐ G1 ☐ H1	☐ N1 ☐ N4
16	Able to estimate using known number facts		
		☐ N7	
18	Able to subtract 9 using − 10 + 1		
	☐ C9		

Summary of Activities
for Book 10

LI	Year 3	Year 5
19	Able to recognise halves and quarters of shapes (advanced)	
	☐ W1	
20	Able to find half or quarter of a set using doubles	
	☐ W2 ☐ W3 ☐ W4	
21	Able to recognise thirds and fifths of shapes and sets	
	☐ W6 ☐ W7 ☐ W9	
22	Able to recognise wholes with fractions left over	
		☐ P16
23	Able to add a single-digit to a double-digit number using the part/whole method	
	☐ G2 ☐ G3	
24	Able to subtract a single-digit from a double-digit number using the part/whole method	
	☐ H2 ☐ H3	

Summary of Activities
for Book 11

LI	Year 3		Year 4	
1	Able to use doubles of teens to solve addition and subtraction			
	☐ M6 ☐ M12	☐ M8 ☐ M9		
2	Able to understand equality			
	☐ G12 ☐ H12			
3	Able to use standard partitioning to add 2-digit numbers			
	☐ G4 ☐ G6	☐ G11		
5	Able to use compensation to add 2-digit numbers			
	☐ G5 ☐ G7	☐ G8 ☐ G9		
6	Able to use difference to subtract 2-digit numbers			
	☐ H4 ☐ H6			
7	Able to use standard partitioning to subtract 2-digit numbers			
	☐ H5 ☐ H9			
8	Able to use tidy numbers to subtract 2-digit numbers			
	☐ H7 ☐ H11			
9	Able to use the combination of notes and coins			
	☐ P6 ☐ P7	☐ P13	☐ M1 ☐ M2	☐ M3

Summary of Activities
for Book 12

LI	Year 4
11	Understands equal sharing
	☐ H1 ☐ H2 ☐ H3
12	Understands making equal groups
	☐ H7 ☐ H8
13	Knows multiplication facts x3
	☐ G4 ☐ T3 ☐ F1
14	Knows multiplication facts x9
	☐ G10 ☐ F3
17	Knows multiplication facts x4
	☐ G5 ☐ U3

Summary of Activities

for Book 13

LI	Year 3			Year 4
18	Able to read, write and order 3-digit numbers			
	☐ B3 ☐ C3	☐ B5		
19	Knows the value of digits in 3-digit numbers			
	☐ L1 ☐ L2	☐ L5 ☐ L13	☐ L9 ☐ L10 ☐ L15	
20	Able to round 3-digit numbers to the nearest 10 or 100			
	☐ N5 ☐ N7			
21	Able to use compensation to add 3-digit numbers			
				☐ D1
22	Able to use tidy numbers to add 3-digit numbers			
				☐ D2
23	Able to use standard partitioning to add 3-digit numbers			
				☐ D3 ☐ D5
24	Able to use standard partitioning to subtract 3-digit numbers			
				☐ E1 ☐ E2
25	Able to use difference to subtract 3-digit numbers			
				☐ E3 ☐ E5
26	Able to give change			
	☐ P15 ☐ P17			☐ M4 ☐ M9

Summary of Activities

for Book 14

LI	Year 3	Year 4	
27	Understands sizes of fractions in relation to the whole		
		☐ R1 ☐ R4 ☐ R11	☐ R6 ☐ R7 ☐ R9
28	Able to order unit fractions		
	☐ W10 ☐ W11	☐ R20 ☐ R24	
29	Able to find ½, ¼, ⅓ and ⅕ using additive strategies		
		☐ R25 ☐ R26	☐ R27 ☐ R28
30	Understands division as sharing or grouping		
		☐ I11 ☐ I12	
32	Able to select an appropriate operation to solve a problem		
		☐ U9 ☐ U11	
33	Able to solve multi-step problems		
		☐ U8 ☐ U10	
34	Able to solve problems involving money		
		☐ M5 ☐ M6 ☐ M8	

Summary of Activities

for Book 15

LI	Year 3		Year 4		Year 5
1	Able to use a range of mental strategies for addition				
	☐ I3 ☐ I6				
2	Able to use a written method for addition				
	☐ I2 ☐ I5				
3	Able to use a range of mental strategies for subtraction				
	☐ J3 ☐ J4				
4	Able to use a written method for subtraction				
	☐ J2	☐ J5 ☐ J6			
5	Able to read numbers greater than one thousand				
	☐ C4				☐ A3
6	Able to explain the value of digits in numbers greater than one thousand				
			☐ B1 ☐ B2	☐ B4 ☐ B7 ☐ B8	☐ A1
7	Knows multiplication facts x6				
			☐ G7 ☐ F2		
8	Knows multiplication facts x8				
			☐ G9 ☐ F5		
9	Knows multiplication facts x7				
			☐ G8	☐ G19 ☐ G20	

Summary of Activities

for Book 16

LI	Year 4		Year 5		Year 6	
11	Has knowledge of the distributive property of multiplication					
			☐ D9 ☐ D3			
12	Knows multiplication facts x11 and x12					
			☐ D4 ☐ D15 ☐ D16	☐ D8 ☐ D10 ☐ D17		
13	Able to use multiplication facts to solve division problems					
			☐ E1 ☐ D2			
14	Able to find non-unit fractions of shapes					
	☐ R3 ☐ R5	☐ R8 ☐ R10				
15	Able to find non-unit fractions of numbers					
	☐ R14 ☐ R15					
16	Able to add and subtract fractions with the same denominator					
					☐ K1 ☐ K2 ☐ K8 ☐ K10	☐ K3 ☐ K4 ☐ K11
17	Able to recognise improper fractions					
			☐ P16 ☐ P17		☐ J7 ☐ J10	
18	Able to understand a decimal as a fraction					
	☐ S2 ☐ S3		☐ Q2	☐ Q9 ☐ Q10		

Summary of Activities

for Book 17

LI	Year 4		Year 5	
19	Able to explain the value of digits up to two decimal places			
	☐ S1	☐ S5 ☐ S6	☐ Q1 ☐ Q4	☐ Q6
20	Able to order decimals with up to two decimal places			
			☐ Q7 ☐ Q8 ☐ Q16 ☐ Q17	☐ Q11 ☐ Q12 ☐ Q14
22	Able to add and subtract decimals up to two decimal places			
	☐ S7 ☐ S9	☐ S8		
23	Able to use a calculator efficiently, including the memory			
			☐ A10	
24	Able to use brackets and understand the order of operations			
			☐ F9	☐ F2
25	Able to identify rules to solve problems and patterns			
			☐ G5 ☐ G6 ☐ G8	☐ G2 ☐ G4 ☐ G7
26	Able to select an appropriate operation to solve a problem			
			☐ F5	☐ F6
27	Able to solve problems involving decimals			
			☐ Q13 ☐ Q18	

Summary of Activities
for Book 18

LI	Year 5	Year 6	
1	Able to give the value of digits, and sequence and order any whole number		
		☐ A3 ☐ A4	
2	Able to give the number of tens or hundreds in 4-digit numbers		
		☐ A1 ☐ A2	
4	Able to select from a range of strategies, including a standard written form		
		☐ B1 ☐ B2 ☐ B3	☐ B2 ☐ B4 ☐ B9
6	Able to multiply a 2-digit number by a single-digit number using a written method		
	☐ D5		
8	Able to multiply a 3-digit number by a single-digit number using a written method		
	☐ D6		
9	Able to solve multi-step problems		
	☐ F4	☐ M1 ☐ M2 ☐ M3	

Summary of Activities
for Book 19

LI	Year 4	Year 5	Year 6	Year 7
10	Knows and understands square numbers up to 20 x 20			
	☐ F6			
11	Able to use both recordings of division (÷ and $\sqrt{}$)			
			☐ D1 ☐ D2	
12	Able to use multiplication facts to solve division problems			
			☐ C3 ☐ C5 ☐ C4 ☐ C9	
13	Able to divide up to a 3-digit number by a single-digit number			
			D3 D4	
14	Able to identify factors and multiples			
		☐ D4		☐ E2
15	Able to order unit fractions			
			☐ J11	
16	Able to use improper fractions and mixed numbers			
			☐ J16	
17	Knows simple equivalent fractions			
			☐ J4 ☐ J5	
18	Able to solve simple ratio problems using repeated replication			
				☐ P1 ☐ P3 ☐ P2 ☐ P4

Summary of Activities
for Book 20

LI	Year 6		Year 7	
19	Able to understand decimals as special fractions			
	☐ G1 ☐ G2	☐ G3 ☐ G15		
20	Able to understand decimals as an extension to the place value system			
	☐ G4 ☐ G6	☐ G10		
21	Able to <u>order</u> decimal numbers up to three decimal places			
	☐ G11 ☐ G17			
22	Able to <u>round</u> decimal numbers up to three decimal places			
	☐ G7			
23	Able to <u>add and subtract</u> decimal numbers up to three decimal places			
	☐ G8 ☐ H1 ☐ H4	☐ G9 ☐ H2		
24	Able to understand percentages as special fractions			
			☐ Q1 ☐ Q2	☐ Q3 ☐ Q4

Summary of Activities
for Book 21

LI	Year 5	Year 6	Year 7
1	Able to use a range of strategies for addition		
	☐ B1 ☐ B2 ☐ B4 ☐ B6		
2	Able to use a range of strategies for subtraction		
	☐ C2 ☐ C3		
3	Able to identify and estimate addition and subtraction problems		
	☐ B9 ☐ C7 ☐ C8	☐ B5 ☐ B7	☐ G5 ☐ G4
4	Able to use a range of strategies for multiplication		
		☐ C1 ☐ C2	
5	Able to multiply double digits using area		
		☐ C10 ☐ C12	☐ B1 ☐ B2 ☐ B6
6	Able to use a range of strategies for division		
	☐ E4 ☐ E5		☐ C1
7	Able to divide using a written method		
		☐ D3 ☐ D4	

IXL

Summary of Activities
for Book 22

LI	Year 5	Year 6	Year 7	Year 8
8	Able to understand and compare positive and negative integers			
			☐ L1 ☐ L2 ☐ L5 ☐ L6	
9	Able to use squares, cubes and square roots			
		☐ E1 ☐ E2	☐ D2 ☐ D1 ☐ D3	
10	Able to order operations to solve problems			
		☐ M1 ☐ M2	☐ M3	☐ C9
11	Able to reverse operations to solve problems			
		☐ P1 ☐ P2 ☐ P3 ☐ P4	☐ Y1 ☐ Y5 ☐ Y7 ☐ O3 ☐ X1 ☐ X2	
12	Able to use multiplication to find equivalent fractions			
			☐ I1 ☐ I2 ☐ I3	
13	Able to use benchmarking to order fractions			
	☐ P5 ☐ P12	☐ J9	☐ I7 ☐ I8	☐ F6
14	Able to find a fraction of a quantity			
		☐ J3 ☐ J12 ☐ J13	☐ I4 ☐ I5	
15	Able to convert between fractions and decimals			
		☐ G12 ☐ G13	☐ F2 ☐ F4 ☐ F9	