



Year 7 : Support Scheme of Work for pupils working at Levels 2 and 3  
 Number 1 (8 hours)

Lesson	Learning Objective	Learning Outcomes			Lesson strategies, activities and ideas	Resources
		Must	Should	Could		
1	Read and write whole numbers in figures and in words	Up to and including 100	Up to and including 1 000	Up to and including 10 000	Matching cards of figures to words	S/board p. 69
2	Be able to put positive whole numbers in order	Put groups of 2 digit numbers in order smallest first	Put groups of 3 digit numbers in order smallest first	Put groups of 3 digit numbers in order smallest or biggest first	I TP : Place value I TP : Ordering numbers	S/board p. 301, 303,
3	To be able to mentally add and subtract numbers using a variety of techniques appropriate to the task	Add a two digit and single digit number mentally, e.g. $12 + 7$	Add 2 two digit numbers less than 20 mentally e.g. $18 + 13$	Add 2 two digit numbers e.g. $56 + 37$	I TP: Number line	PFWK y123 p. 33-41 PFWK y456 p. 34 -46 S/board p 327



Year 7 : Support Scheme of Work for pupils working at Levels 2 and 3  
Number 1 (8 hours)

Lesson	Learning Objective	Learning Outcomes			Lesson strategies, activities and ideas	Resources
		Must	Should	Could		
4	<p>To be able to identify and record place value. (whole numbers only) Know the value of a given digit.</p> <p>Know and use doubles of numbers.</p>	<p>Can partition 2 digit numbers with confidence</p> <p>doubles of all numbers to at least 15 (e.g. 11 + 11 or 11 x 2); doubles of multiples of 5 to 50 (e.g. 20 x 2 or 35 x 2)</p>	<p>Can partition 3 digit numbers with confidence</p> <p>doubles of all whole numbers to at least 20 (e.g. 17 + 17 or 17 x 2); doubles of multiples of 5 to 100 (e.g. 75 x 2, 90 x 2); doubles of multiples of 50 to 500 (e.g. 450 x 2)</p>	<p>Can partition 4 digit numbers with confidence</p> <p>doubles of all whole numbers to 50 (e.g. 38 + 38, or 38 x 2); doubles of multiples of 10 to 500 (e.g. 460 x 2); doubles of multiples of 100 to 5000 (e.g. 3400 x 2);</p>	I TP : Place value	<p>PFWK y123 p. 53 PFWK y456 p. 58- 61</p>
5	<p>Use informal pen and pencil methods to support addition. Eg. Number lines, partitioning, counting on</p>	<p>Can add 2 two digit numbers both less than 20</p>	<p>Can add 2 two digit numbers e.g begin with 26 + 57 (total &lt; 100) moving to 58+47 (total &gt;100)</p>	<p>Can add 2 three digit numbers both less than 200.</p>	<p>Mental addition skills Eg. Near doubles</p> <p>Use empty number lines to aid addition. DO NOT use formal column addition at this stage I TP: Number line</p>	<p>PFWK y123 p. 33-41 PFWK y456 p. 34- 46</p>



Year 7 : Support Scheme of Work for pupils working at Levels 2 and 3  
 Number 1 (8 hours)

Lesson	Learning Objective	Learning Outcomes			Lesson strategies, activities and ideas	Resources
		Must	Should	Could		
6	Use informal pen and pencil methods to support subtraction. Eg. Number lines, partitioning, counting on or back	Can subtract a single digit number from a 2 digit number e.g. 17 - 6, 25 - 8	Can subtract a 2 digit from a 2 digit number e.g. 25 - 13, 62 - 37	Can subtract a 2 digit from a 3 digit number e.g. 156 - 38	Starter : Mental subtraction skills - use a variety of language (see PFWK y123 p. 28&29 or y456 p. 36 & 37)  Eg. Counting on, partitioning.  I TP : Number line I TP : Number facts	PFWK y123 p. 28, 36-41, 45 (number line) PFWK y456 p.36, 37, 40-46
7						
8	Solve real life problems involving addition and subtraction	Make amounts up to and inc. £1.	Find change from a. £1.	Find change from a. £5		TL4Y7 N1.4a OHT N1.8b (Problem 1) S/board p. 85 Star Challenge 7