

# Unit 11

## Addition and subtraction

Five daily lessons

Year 5  
Autumn term

### Unit Objectives

#### Year 5

- Find difference by counting up through next multiple of 10, 100 or 1000.
- Partition into H, T and U adding the most significant digits first.
- Use informal pencil and paper methods to support, record or explain additions and subtractions.
- **Extend written methods to column addition/ subtraction of two integers less than 10 000.**
- **Use all four operations to solve simple word problems involving numbers and quantities based on 'real-life' and money using one or more steps. Explain methods and reasoning.**
- Choose and use appropriate number operations to solve problems, and appropriate ways of calculating: mental, mental with jottings, written methods, calculator.
- Check with the inverse operation when using a calculator.

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Pages 73, 75

This Unit Plan is designed to guide your teaching. You will need to adapt it to meet the needs of your class.

#### Resources needed to teach this unit:

- Whiteboards or similar
- OHP calculator
- Calculators
- 10-sided dice or digit cards
- Bingo cards or 3x4 grids
- Proforma for word problems (see Day 5)

Year 4

#### Link Objectives

Year 6

- Find a small difference by counting up (e.g. 5003 – 4996).
- Partition into tens and units, adding the tens first.
- Use informal pencil and paper methods to support record or explain additions and subtractions.
- **Develop and refine written methods for column addition and subtraction of two whole numbers less than 1000.**
- Check with the inverse operation.
- **Choose and use appropriate number operations and appropriate ways of calculating (mental, mental with jottings, pencil and paper) to solve problems.**
- Use all four operations to solve word problems involving numbers in 'real-life', money and measures (including time), using one or more steps, including converting pounds to pence and metres to centimetres and vice versa.
- Explain methods and reasoning about numbers orally and in writing.

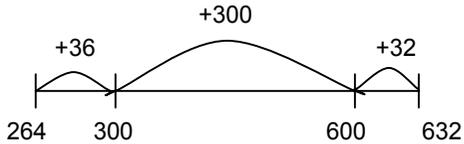
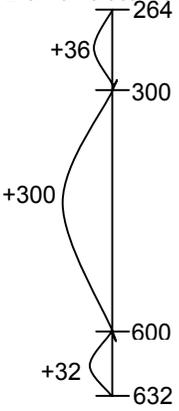
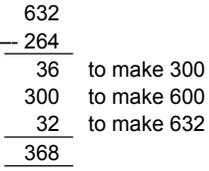
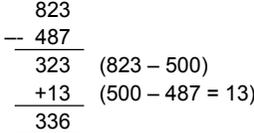
- Consolidate all strategies from previous year including find a difference by counting up.
- Use informal pencil and paper methods to support, record or explain additions and subtractions.
- **Extend written methods to column addition and subtraction of numbers involving decimals.**
- Check with the inverse operation when using a calculator.
- Choose and use appropriate number operations to solve problems, and appropriate ways of calculating: mental, mental with jottings, written methods, and calculator.
- **Identify and use appropriate operations (including combinations of operations) to solve word problems involving numbers and quantities. Explain methods and reasoning.**

(Key objectives in bold)

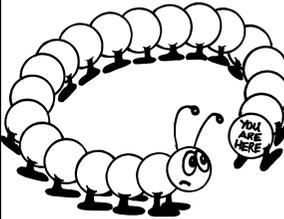
<b>Planning sheet</b>	<b>Day One</b>	<b>Unit 11 Addition and subtraction</b>	<b>Term: Autumn</b>	<b>Year Group: 5</b>
<b>Oral and Mental</b>		<b>Main Teaching</b>		<b>Plenary</b>
<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Teaching Activities/ Focus Questions</b>
<p>Derive quickly all two-digit pairs that total 100 and pairs of multiples of 50 that total 1000.</p> <p>VOCABULARY two-digit number total multiple</p> <p>RESOURCES Whiteboards</p>	<ul style="list-style-type: none"> <li>Ask the children to show you two numbers which total 100 (use whiteboards).</li> <li>With a partner, children to show 2 x two-digit numbers which total 100, where neither number is a multiple of 10. Discuss examples and record a few on the board.</li> </ul> <div data-bbox="315 520 674 619" style="border: 1px solid black; padding: 5px;"> <p><b>Q</b> What is the sum of the units each time? (10) <b>Q</b> What is the sum of the tens? (90)</p> </div> <ul style="list-style-type: none"> <li>Ask for further pairs of numbers.</li> <li>Ask a child to give a three-digit number which is a multiple of 50.</li> <li>Children to calculate the complement to 1000 and show it on their whiteboards.</li> </ul> <div data-bbox="315 871 674 922" style="border: 1px solid black; padding: 5px;"> <p><b>Q</b> Can you explain how you worked this out?</p> </div> <ul style="list-style-type: none"> <li>Repeat with other three-digit multiples of 50 and record the pairs on the board. Compare with the pairs which made 100.</li> </ul> <div data-bbox="315 1070 674 1169" style="border: 1px solid black; padding: 5px;"> <p><b>Q</b> Which digits have a sum of 100? (tens) <b>Q</b> Which digits total 900? (hundreds)</p> </div>	<p>Find the difference between two integers by counting up through 10, 100, 1000.</p> <p>VOCABULARY counting on multiple difference integer subtract take away minus</p> <p>RESOURCES Whiteboards</p>	<ul style="list-style-type: none"> <li>Using an example from the mental/oral starter game; e.g. <math>350 + 650 = 1000</math></li> <li>Record counting on method using the empty number line.</li> </ul> <div data-bbox="987 352 1391 475" style="text-align: center;"> </div> <div data-bbox="936 496 1682 520" style="border: 1px solid black; padding: 2px;"> <p><b>Q</b> What are the four related number sentences for this calculation?</p> </div> <div data-bbox="981 552 1211 655" style="margin-left: 40px;"> <p><math>350 + 650 = 1000</math>  <math>650 + 350 = 1000</math>  <math>1000 - 350 = 650</math>  <math>1000 - 650 = 350</math></p> </div> <ul style="list-style-type: none"> <li>Explain the connection between addition by counting on and subtraction by finding the difference. Model the following example.</li> </ul> <div data-bbox="987 743 1435 887" style="text-align: center;"> </div> <ul style="list-style-type: none"> <li>Repeat with <math>2006 - 1994</math>; <math>7005 - 3991</math>.</li> <li>Children to use whiteboards (individually or in pairs). Children record the steps on a number line as the teacher talks through the steps. Provide further examples for children to work out mentally (without a number line) and discuss methods used.</li> <li>Write a selection of four-digit numbers and another selection of three-digit numbers each in two clouds. Ask the children to find the difference between pairs of numbers in each pair of clouds by counting on e.g.</li> </ul> <div data-bbox="987 1150 1637 1414" style="text-align: center;"> </div>	<ul style="list-style-type: none"> <li>Assess understanding by choosing children to demonstrate their calculations on the board.</li> <li>Identify and correct errors and misconceptions.</li> <li>Summarise and review the day's objectives.</li> </ul> <div data-bbox="1861 887 2141 1337" style="border: 1px solid black; padding: 10px;"> <p><b>By the end of the lesson, children should be able to:</b></p> <ul style="list-style-type: none"> <li><b>Find the difference between two integers by counting up through 100 or 1000;</b></li> <li><b>Derive rapidly all two-digit pairs that total 100 and pairs of multiples of 50 with a total of 1000.</b></li> </ul> <p>(Refer to supplement of examples, section 6, page 41.)</p> </div>

Planning sheet	Day Two (page 1 of 2)	Unit 11 <i>Addition and subtraction</i>	Term: <i>Autumn</i>	Year Group: 5						
Oral and Mental		Main Teaching		Plenary						
Objectives and Vocabulary	Teaching Activities	Objectives and Vocabulary	Teaching Activities	Teaching Activities/Focus Questions						
<p>Read and write whole numbers and know what each digit represents.</p> <p>VOCABULARY partition digit</p> <p>RESOURCES OHP calculator Calculators</p>	<ul style="list-style-type: none"> <li>Say numbers less than 100 000 and ask individual children to write them in figures on the board or OHT.</li> <li>Point to different digits in turn on one of the numbers.</li> </ul> <p><b>Q</b> What does this digit represent?</p> <ul style="list-style-type: none"> <li>Write 468 on the board, establish the value of each digit and record as: <math>468 = 400 + 60 + 8</math>. Revise the term 'partition', then repeat with a four-digit then a five-digit number.</li> <li>Using an OHP calculator, show how to play 'Space Invaders'.  Enter a four-digit number on the calculator.  These digits are 'aliens' which are to be shot down one at a time by subtracting to zero e.g. starting number 4671, press <math>- 4000</math> to shoot down the 4, then <math>- 600</math> to shoot down the 6, then <math>- 70</math>, then <math>- 1</math> to leave 0 on the display.</li> <li>Children play 'Space Invaders' in pairs, entering three-, four- or five-digit numbers.</li> </ul>	<p>Partition into H, T and U, adding the most significant digit first.</p> <p>Use informal pencil and paper methods to support, record or explain additions.</p> <p>Extend written methods to column addition of two integers less than 10 000.</p> <p>VOCABULARY partition digit written method carrying</p> <p>RESOURCES 10-sided dice or digit cards</p>	<p><b>Q</b> How can we use partitioning to help us to calculate <math>54 + 28</math> mentally?</p> <ul style="list-style-type: none"> <li>Discuss responses and record as <math>50 + 20 = 70</math>, <math>4 + 8 = 12</math>, <math>70 + 12 = 82</math>. Explain that this demonstrates the mental process when partitioning is used to add numbers together.</li> </ul> <p><b>Q</b> Can we calculate <math>354 + 28</math> in a similar way?</p> <ul style="list-style-type: none"> <li>Discuss and record <math>350 + 20 = 370</math>, <math>4 + 8 = 12</math>, <math>370 + 12 = 382</math>.</li> <li>Provide a few examples, asking children to work out the answers mentally (without any recording).</li> <li>Say a calculation such as <math>468 + 276</math>.</li> </ul> <p><b>Q</b> Is this easy to work out mentally? <b>Q</b> Why not?</p> <ul style="list-style-type: none"> <li>Establish that it is difficult to remember the numbers as the calculation is performed. Explain that recording the addition in stages helps the memory, then record as shown in Fig.(i):</li> </ul> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Fig. (i)</td> <td style="text-align: center;">Fig. (ii)</td> <td style="text-align: center;">Fig. (iii)</td> </tr> <tr> <td style="text-align: center;"> <math display="block">468 + 276</math> <math display="block">400 + 200 = 600</math> <math display="block">60 + 70 = 130</math> <math display="block">8 + 6 = 14</math> <math display="block">\underline{\quad 744}</math> </td> <td style="text-align: center;"> <math display="block">\begin{array}{r} 468 \\ + 276 \\ \hline 600 \\ 130 \\ 14 \\ \hline 744 \end{array}</math> </td> <td style="text-align: center;"> <math display="block">\begin{array}{r} 468 \\ + 276 \\ \hline 14 \\ 130 \\ 600 \\ \hline 744 \end{array}</math> </td> </tr> </table> <ul style="list-style-type: none"> <li>Revise the informal written method and record alongside, as shown in Fig. (ii) above.</li> <li>Ask children to try this method with <math>587 + 346</math>, then model on the board.</li> </ul> <p><b>Q</b> Would it affect the answer if we added the units first?</p> <ul style="list-style-type: none"> <li>Discuss then record the first example as shown in Fig. (iii).</li> <li>In pairs children generate 2 three-digit numbers using 10-sided dice or digit cards. They practise using the written method, one adding hundreds first, the other starting with units, then compare results.</li> </ul> <p style="text-align: right;">(cont'd)</p>	Fig. (i)	Fig. (ii)	Fig. (iii)	$468 + 276$ $400 + 200 = 600$ $60 + 70 = 130$ $8 + 6 = 14$ $\underline{\quad 744}$	$\begin{array}{r} 468 \\ + 276 \\ \hline 600 \\ 130 \\ 14 \\ \hline 744 \end{array}$	$\begin{array}{r} 468 \\ + 276 \\ \hline 14 \\ 130 \\ 600 \\ \hline 744 \end{array}$	<ul style="list-style-type: none"> <li>Discuss children's results and ask one or two volunteers to demonstrate one of their 'carrying' sums on the board.</li> </ul> <p><b>Q</b> How can we check that the answers are correct?</p> <ul style="list-style-type: none"> <li>Demonstrate suggestions with the calculation <math>587 + 475</math> (used earlier to show the carrying method) such as: adding in a different order, e.g. <math>900 + 150 + 12 = 1062</math> and using the inverse operation to check the answer, e.g. <math>1062 - 600 = 462</math>, <math>462 + 13 = 475</math>.</li> <li>Ask children to check one of their calculations.</li> </ul> <p><b>By the end of the lesson, children should be able to:</b></p> <ul style="list-style-type: none"> <li>Work out simple additions involving three-digit numbers mentally;</li> <li>Use a written method for addition of pairs of three-digit numbers which are more difficult to calculate mentally;</li> <li>Check results of addition calculations.</li> </ul> <p>(Refer to supplement of examples, section 6, pages 41 and 49.)</p>
Fig. (i)	Fig. (ii)	Fig. (iii)								
$468 + 276$ $400 + 200 = 600$ $60 + 70 = 130$ $8 + 6 = 14$ $\underline{\quad 744}$	$\begin{array}{r} 468 \\ + 276 \\ \hline 600 \\ 130 \\ 14 \\ \hline 744 \end{array}$	$\begin{array}{r} 468 \\ + 276 \\ \hline 14 \\ 130 \\ 600 \\ \hline 744 \end{array}$								

Planning sheet		Day Two (page 2 of 2)		Unit 11 <i>Addition and subtraction</i>		Term: <i>Autumn</i>		Year Group: 5	
Oral and Mental			Main Teaching				Plenary		
Objectives and Vocabulary	Teaching Activities		Objectives and Vocabulary	Teaching Activities				Teaching Activities/Focus Questions	
				<ul style="list-style-type: none"> <li>Silently demonstrate the following calculation (no verbal clues):               <math display="block">\begin{array}{r} 587 \\ + 475 \\ \hline 1062 \\ 11 \end{array}</math> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;"> <b>Q</b> Can you work out how I have calculated this?               </div> </li> <li>Children discuss in pairs. Take feedback, then revise the carrying method with another pair of numbers.</li> <li>Ask children to try using the carrying method to find the sum of two more pairs of numbers.</li> </ul>					

Planning sheet	Day Three	Unit 11 <i>Addition and subtraction</i>	Term: <i>Autumn</i>	Year Group: 5
Oral and Mental		Main Teaching		Plenary
Objectives and Vocabulary	Teaching Activities	Objectives and Vocabulary	Teaching Activities	Teaching Activities/ Focus Questions
<p>Round any integer up to 10 000 to the nearest 10, 100 or 1000.</p> <p>VOCABULARY round up/down digit</p> <p>RESOURCES Whiteboards or Place value cards</p>	<ul style="list-style-type: none"> <li>Revise the rounding rules, i.e. if the digit to the right of the tens, hundreds or thousands is less than 5, round down.</li> <li>If it is greater than 5, round up.</li> <li>Demonstrate by writing 7682 on the board or OHT.</li> <li>Ask children to round the number to the nearest 10, then 100 then 1000.</li> <li>Each time review why the digit is rounded up or down.</li> <li>Give a variety of numbers orally. Children use whiteboards or place value cards to show answers rounded to 10, 100 or 1000.</li> <li>Write 6400 on the board and ask children to show a number which would round to it.</li> <li>Repeat with 7530 and 3000.</li> </ul>	<p>Partition into H, T and U, subtracting the most significant digit first.</p> <p>Use informal pencil and paper methods to support, record or explain subtractions.</p> <p>Extend written methods to column subtraction of two integers less than 10 000.</p> <p>Check with the inverse operation.</p> <p>VOCABULARY partition subtract column method counting up</p>	<ul style="list-style-type: none"> <li>Write the following on the board or OHT: <math>569 - 42</math>, <math>327 - 34</math>, <math>632 - 264</math>.</li> </ul> <p><b>Q</b> Which are easy to do mentally by partitioning the numbers?</p> <ul style="list-style-type: none"> <li>Ask children to try the first two subtractions then explain their methods. Demonstrate using an empty number line for the third example, i.e.</li> </ul>  <p>Establish that the total of the steps is the difference. <ul style="list-style-type: none"> <li>Draw a vertical number line to show the same steps and model the vertical recording of the calculation alongside, i.e.</li> </ul>   <ul style="list-style-type: none"> <li>Ask children to use the written column method with <math>726 - 348</math> and <math>823 - 487</math>.</li> </ul> <p><b>Q</b> Can you think of any other ways of doing <math>823 - 487</math>?</p> <ul style="list-style-type: none"> <li>Discuss suggestions and demonstrate the compensation method, i.e.</li> </ul>  <p>(If any standard method was taught in Y4, such as decomposition, include that example.) <ul style="list-style-type: none"> <li>Provide examples for children to practise using a written column method, (or ask them to generate pairs of three-digit numbers using dice or digit cards, then find their differences using any appropriate method).</li> <li>Discuss how answers can be checked and demonstrate the use of addition.</li> <li>Ask children to check their subtractions by adding the answer to the number subtracted.</li> </ul> </p></p>	<ul style="list-style-type: none"> <li>Use a subtraction equation such as <math>1782 - 493 = 1289</math>.</li> <li>Create a word problem around the equation.</li> <li>Ask children in pairs to create another word problem using the same calculation.</li> <li>Take feedback, then repeat with an addition equation.</li> </ul> <p>HOMEWORK</p> <ul style="list-style-type: none"> <li>Give children four complete equations, one addition, one subtraction, one multiplication and one division.</li> <li>Ask them to create a word problem for each.</li> </ul> <p><b>By the end of the lesson, children should be able to:</b></p> <ul style="list-style-type: none"> <li>Use partitioning to find differences between appropriate pairs of three-digit numbers, or a three- and two-digit number, mentally;</li> <li>Use a written column subtraction method with pairs of three-digit numbers;</li> <li>Check results using the inverse operation.</li> </ul> <p>(Refer to supplement of examples, section 6, pages 41, 51 and 73.)</p>

<b>Planning sheet</b>	<b>Day Four</b>	<b>Unit 11 <i>Addition and subtraction</i></b>	<b>Term: <i>Autumn</i></b>	<b>Year Group: 5</b>
<b>Oral and Mental</b>		<b>Main Teaching</b>		<b>Plenary</b>
<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Teaching Activities/Focus Questions</b>
<p>Know by heart all multiplication facts up to 10 x 10.</p> <p>VOCABULARY multiplied by times product</p> <p>RESOURCES Bingo cards or 3x4 grids</p>	<ul style="list-style-type: none"> <li>Ask 'quick fire' questions on multiplication facts up to 10 x 10. Focus particularly on x7 and x8 facts. Vary the vocabulary used.</li> </ul> <div data-bbox="315 443 584 496" style="border: 1px solid black; padding: 2px;"> <p><b>Q</b> How can we use x4 to find x8?</p> </div> <ul style="list-style-type: none"> <li>Reinforce that doubling x4 is a useful strategy to use when x8 facts are not known.</li> <li>Provide appropriate 'Bingo' cards, or ask children to choose 12 numbers from a selection on the board and write them on a 3x4 grid.</li> <li>The numbers should be multiples of 6, 7 and 8, or other tables in which further practice is needed.</li> <li>Use a 10-sided dice to generate questions involving x6, x7 and x8.</li> <li>Children cover, or put a line across the products on their cards.</li> <li>If appropriate, collect homework from Day 3.</li> <li>Select two problems and copy onto acetate and enlarge to A3 for Day 5.</li> </ul>	<p>Choose and use appropriate number operations to solve problems.</p> <p>VOCABULARY operation multi-stop problem words in problems which indicate addition and subtraction e.g. more altogether and total left difference change</p>	<ul style="list-style-type: none"> <li>Read out word problems.</li> <li>Ask children to decide which operation they should use. Show on whiteboards.</li> <li>Distribute sheets of mixed word problems. Ask pupils to record on the sheets those that use +/-.</li> <li>Together, discuss responses.</li> </ul> <div data-bbox="862 496 1727 549" style="border: 1px solid black; padding: 2px;"> <p><b>Q</b> How do you know whether to +/--/x/÷? <b>Q</b> What clues do you look for?</p> </div> <div data-bbox="862 624 1727 676" style="border: 1px solid black; padding: 2px;"> <p><b>Q</b> Which would you do mentally? <b>Q</b> Which with pencil and paper?</p> </div> <ul style="list-style-type: none"> <li>Discuss, then record lists of addition and subtraction vocabulary on the board or OHT.</li> <li>Children to choose appropriate strategy to solve the +/- problems. Remind them to check their answers.</li> <li>Ask children to explain the methods/strategies they have used for the calculations.</li> <li>Discuss why particular methods were chosen.</li> </ul> <div data-bbox="862 879 1727 906" style="border: 1px solid black; padding: 2px;"> <p><b>Q</b> How did you check your answers?</p> </div> <ul style="list-style-type: none"> <li>Discuss the ways in which children have answered the problems, emphasising the need for sentences which reflect the questions.</li> </ul>	<ul style="list-style-type: none"> <li>Reinforce the objective and purpose of lesson.</li> <li>Give pupils the answer to a word problem, e.g. 26 clowns.</li> <li>Pupils, in threes, to devise an oral problem that provides the answer (groups feedback to each other).</li> <li>Teacher scribes the calculation.</li> <li>Once initial responses in, request a similar question for 18 camels; this needs to be a multi-step question involving at least two types of operations.</li> </ul> <div data-bbox="1758 770 2148 1123" style="border: 1px solid black; padding: 5px;"> <p><b>By the end of the lesson, children should be able to:</b></p> <ul style="list-style-type: none"> <li><b>Spot word problems that can be solved using +/- from a set of word problems using all four operations;</b></li> <li><b>Choose appropriate strategies to solve them;</b></li> <li><b>Explain reasoning and method chosen using key vocabulary.</b></li> </ul> <p>(Refer to supplement of examples, section 6, pages 83-85.)</p> </div>

<b>Planning sheet</b>	<b>Day Five</b>	<b>Unit 11 Addition and subtraction</b>	<b>Term: Autumn</b>	<b>Year Group: 5</b>						
<b>Oral and Mental</b>		<b>Main Teaching</b>		<b>Plenary</b>						
<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Objectives and Vocabulary</b>	<b>Teaching Activities</b>	<b>Teaching Activities/Focus Questions</b>						
<p>Solve mathematical problems or puzzles.</p> <p><b>VOCABULARY</b> odd/even multiple of less/greater than between digit</p>	<ul style="list-style-type: none"> <li>Caterpillar Game</li> <li>Teacher selects a four-digit number (kept secret).</li> <li>Segmented caterpillar drawn on board with about 20 segments.</li> <li>Pupils take turns to ask questions – yes/no.</li> <li>Initially the question is noted on board by teacher.</li> <li>Pupils need to ask relevant starter questions such as; Is it a four-digit number? Is it odd?</li> <li>Once the answer to a question is no, a segment is wiped off.</li> </ul>  <p><b>VOCABULARY</b> single-step problem two/three-step problem</p> <p><b>RESOURCES</b> Proforma for word problems. OHT acetate showing 2 problems produced by the children for homework set on Day 3.</p>	<p>Explain methods and reasoning.</p> <p>Extend written methods to column and +/- of 2 integers less than 10 000.</p> <p>Check calculations using inverse operations.</p>	<ul style="list-style-type: none"> <li>Having selected two examples from children's homework and transformed to OHT acetate, use for first part of lesson (select one single step and one multi-step problem) – one of + and one of – . Alternatively, provide two such word problems.</li> <li>Focus on mathematical vocabulary used and highlight this. Discuss all known meanings and alternatives.</li> <li>Focus on the calculation methods and strategies that are appropriate, modelling methods taught during this unit.</li> <li>Introduce group work activity as follows: <ul style="list-style-type: none"> <li>Groups of three mixed-ability pupils to work collaboratively to produce word problems and illustrate how a pupil would arrive at an answer (refer to methods practised during this unit).</li> <li>Give a proforma such as that shown below to each group.</li> <li>Explain that a booklet will be produced and used in either a parallel class's lesson, a lower/higher class's lesson, or within your own class.</li> </ul> </li> <li>Completed examples could be word processed as part of an ICT lesson onto the template following the plenary.</li> </ul> <table border="1" data-bbox="1019 818 1386 1070"> <tr> <td colspan="2">Problem</td> </tr> <tr> <td>Your working</td> <td>Alternative</td> </tr> <tr> <td colspan="2">Answer (in a sentence)</td> </tr> </table>	Problem		Your working	Alternative	Answer (in a sentence)		<ul style="list-style-type: none"> <li>Choose an incomplete problem or a group having difficulty with some aspect of a problem and use as exemplar.</li> <li>The group explain the stage of progress or where the difficulty arises.</li> <li>Class give support in completing/solving the problem.</li> </ul> <div data-bbox="1758 571 2148 719" style="border: 1px solid black; padding: 5px;"> <p><b>Q</b> Explain how you might tackle this question.</p> <p><b>Q</b> Is there another way of tackling the question?</p> <p><b>Q</b> Is one more efficient than another? Why?</p> </div> <ul style="list-style-type: none"> <li>Focus on the vocabulary and the methods used.</li> <li>Ensure that the inverse check is applied.</li> </ul> <div data-bbox="1758 898 2148 1297" style="border: 1px solid black; padding: 5px;"> <p><b>By the end of the lesson, children should be able to:</b></p> <ul style="list-style-type: none"> <li><b>Use an informal written method to +/- two integers less than 10,000;</b></li> <li><b>Choose appropriate operation to solve multi-step word problems;</b></li> <li><b>Check calculations using inverse method.</b></li> </ul> <p>(Refer to supplement of examples, section 6, pages 49-51.)</p> </div>
Problem										
Your working	Alternative									
Answer (in a sentence)										