

**CALCULATE KU 5: There are strategies we can use to help us to calculations in our head (FSiM p 132-133)**

Room:  Date:  Work Samples attached



Expected Standard AC v3.0 (Year Levels)	AC Year 1	AC Year 2/3	AC Year 4	AC Year 5/6	AC Year 7
<p><b>Level info</b></p>	<p>☐ Carry out simple additions and subtractions using counting strategies.  Eg: Counting on from the largest, counting the lot etc....</p>	<p>☐ Perform simple addition and subtraction calculations using a range of partitioning strategies. <b>eg 24 + 37 = 20 + 30 + 11 = 61</b></p> <p>☐ Recognise the connection between addition and subtraction</p> <p>☐ Solve problems using efficient strategies for multiplication. (repeated addition, doubling etc...)</p> <p>☐ Recall addition and multiplication facts for single digit numbers.</p> <p><i>(some green card strategies)</i></p>	<p>☐ Choose appropriate strategies for calculations involving multiplication and division.</p> <p>☐ They recall multiplication facts to 10 x 10 and related division facts</p> <p>☐ Confident with + and - calculations. Able to tackle larger numbers.</p> <p><i>(most green cards and some yellow strategies)</i></p>	<p>☐ Solve simple problems involving the four operations with whole numbers using a range of strategies.</p> <p>☐ Check the reasonableness of answers using estimation and rounding.</p> <p>☐ Identify and describe factors and multiples in order to use factorising as a calculation strategy.</p> <p>☐ Add, subtract and multiply decimals and divide decimals where the result is rational.</p> <p>☐ Students calculate common percentage discounts on sale items.</p> <p><i>(many yellow strategies)</i></p>	<p>☐ Solve problems involving the comparison, addition and subtraction of integers</p> <p>☐ Solve problems involving percentages and all four operations with fractions and decimals.</p> <p><i>(most yellow strategies)</i></p>

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<b>Names</b>					
<b>Suggested activities to move children along</b>					