

Maths week June 22

This week we are going to look at expanded and compact addition.

This is a look at how we do it at school using our calculation policy.

Build on expanded column addition to develop compact column addition with larger numbers
e.g. $1466 + 4868$

$$\begin{array}{r} 1000 \quad 400 \quad 60 \quad 6 \\ 4000 \quad 800 \quad 60 \quad 8 \\ + 1000 \quad 100 \quad 10 \\ \hline 6000 \quad 300 \quad 30 \quad 4 \end{array}$$

Compact column addition with larger numbers
e.g. $5347 + 2286 + 1495$

$$\begin{array}{r} 5347 \\ 2286 \\ + 1495 \\ \hline 9128 \end{array}$$

Remember – don't move on to compact addition until you are really confident with expanded addition.

Monday	<p>Look at Monday's work.</p> <p>The questions ask you to ESTIMATE the answer first. You do this by rounding up or down to the nearest 10 or 100 (depending on how complicated you want to make your estimate). This is a very important part of the calculation as it will show you if your actual answer is possibly correct.</p> <p>If your estimate is 500 and your answer is 54, then one or the other MUST be wrong!</p> <p>Have a go at the differentiated activities.</p>
Tuesday	<p>Take a look at the very clear powerpoint in which a teacher will talk you through adding 4 digit numbers, using both expanded and compact addition.</p> <p>Have a go at the differentiated activities.</p> <p>Remember there is a puzzle activity at the end for those who need something more after doing your calculations.</p>
Wednesday	<p>Today and tomorrow we are going to use the Classroom Secrets resources. Please be aware that in these, they put the numbers which are being carried over to the next column UNDER the equals line, whereas we put them ABOVE the line. Please keep to the school strategy as shown above and in the Monday and Tuesday lessons.</p> <p>Look through the powerpoint today which helps guide you how to answer the activity sheet questions.</p> <p>Do the Varied fluency sheet (Wednesday maths)</p>
Thursday	<p>Today have a go at the reasoning and problem solving sheet (Thursday maths).</p> <p>I have also included some addition problem solving questions for those who want an extra challenge.</p>

Friday

Fluency Friday

I have included 2 level 4 tests as I did last week.

Have a go at the addition challenges from yesterday, if you have not already done them.