# Maths - Year 5

## Calculating 5: Written methods of adding

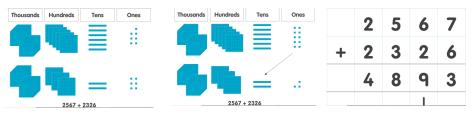
Key Vocabulary	
Carrying/ regrouping	Transferring digits from one place value column to another to support calculating.
Bridging	Partitioning the number to be added to help with calculating.
Compensating	Adjusting numbers to make a calculation easier.
Zero as a place holder	Zero as a place holder changes the value of other digits e.g. 52 could become 502 or 520.

#### **Mathematical Skills**

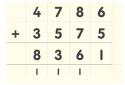
- Understand that larger numbers and decimals do not necessarily make an adding calculation more difficult.
- Appreciate that a column method is efficient when an adding calculation involves several steps.
- Estimate the answer to an adding calculation before calculating.
- Change an adding calculation to an equivalent calculation that is easier to carry out mentally.
- Understand that columns are added from right to left to allow for regrouping where necessary.
- Use the column method of adding with decimal numbers.

## **Mathematical Methods**

- Knowing when to use a written method for adding.



- Adding 4-digit numbers using a column method.



- Using the column method for adding money e.g. £1.36 + 3.19.



- Solving measuring problems involving adding e.g. 3.929kg + 4.025kg.

## Can you..?

- Calculate the total number of vouchers collected in March.

	March
Blue Class	2330
Green Class	1438
Red Class	1695
Orange Class	2834

- Rearrange the four digits. Which pair of 4-digits numbers can you make that together have the closest possible total to 8000?
- Calculate £2.56 + £3.25.