

YEAR 4 – ADDITION AND SUBTRACTION 1

Here is a number...

Th	H	T	O
3	6	9	2

If we add 3 to the ones column the number will be 3695; only the ones column changes.

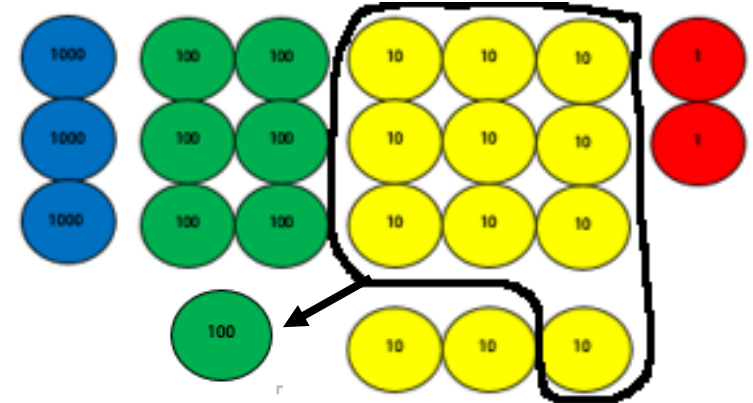
If we add 3 to the tens column the number will be 3722; both the hundreds and the tens columns change.

VOCABULARY

- column
- add
- represented
- ones
- tens
- hundreds
- thousands
- exchange

This is because the largest digit we can have in a column is 9. If we add more we need to exchange.

$$9 \text{ tens} + 3 \text{ tens} = 12 \text{ tens} = 120 = 100 + 20 = 1 \text{ hundred and } 2 \text{ tens}$$



We can use our understanding of number bonds to 10 when we do column addition...

1000s	100s	10s	1s			
3000	+	500	+	90	+	7

	Th	H	T	O
	2	3	4	5
+	1	2	5	2
	3	5	9	7