Year 5 Parent Information

Key Recall Facts required

Previous Years

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	I know number bonds for each number up to 20.	I know the 3x table (x and ÷)	I know the 4 times table (x and ÷)	I know the 8 times table (x and ÷)	I can recall facts about durations of time.	I can tell the time to the nearest minute.
Year 4	I know number bonds to 100.	I know the 6 and 9 times table (x and ÷)	I know the 7 and 11 times table (x and ÷)	I know all times tables up to 12 x 12 (x and ÷)	I can multiply and divide a single digit by 10 and 100.	I can recognise simple equivalent fractions.

Year 5

Year 5	I can find factor pairs of a number.	I can recognise prime numbers up to 20.	I can recognize equivalent fractions and decimals.	I know decimals number bonds to 1 and 10.	I can recall metric conversions.	I can recall square numbers to 12 and their square roots.

Ideas for support

General Maths Support

- BBC Bitesize—KS2 maths –Year 5 useful videos, games and explanations of many mathematical concepts and topics.
- White Rose Maths parent resources

Multiplication tables

- TT rockstars
- www.timestables.co.uk including Multiplication Table Check practice test
- Percy Parker and other YouTube times table songs

Telling the time

- Use opportunities at home to discuss the time and ask children to help you to tell the time.
- Topmarks website - matching pairs time

Equivalent fractions and decimals

- BBC Bitesize—fractions

Multiples, factors and prime numbers

- Topmarks - multiples and factors game
- BBC

Year 5 Calculations

See calculation policy on website for more detailed explanations

Addition Year 5

Abstract
Column Method

2345 + 596 =

Step 1

	2	3	4	5	4
+			5	9	6
					0
				1	

Step 2

	2	3	4	5	4
+			5	9	6
				5	0
			1	1	

Step 3

	2	3	4	5	4
+			5	9	6
			0	5	0
		1	1	1	

Step 4

	2	3	4	5	4
+			5	9	6
			4	0	5	0
		1	1	1	

Step 5

	2	3	4	5	4
+			5	9	6
	2	4	0	5	0
		1	1	1	

Subtraction Year 5 and 6

Abstract
Column Method

5 13 1
1 2 3 ~~4~~ ~~5~~ 6 7
- 1 2 2 6 8 4
1 1 1 3 7 8 3

324.9 – 7.25=

1 1 8 7
3 ~~2~~ 4 ~~9~~ 0
- 7 2 5
3 1 7 6 5

Check your answers with the inverse

Abstract
Column Method

52344 - 1187 = 51157

Multiplication Year 5

Abstract
Expanded Column Method

		7	2	
	X	3	8	
		1	6	← 2 X 8
	5	6	0	← 70 X 8
		6	0	← 2 X 30
2	1	0	0	← 70 X 30
2	7	3	6	
	1			

Abstract
Column Method

	1	3	4	5
X				6
	8	0	7	0
	2	2	3	

Pictorial
Bar Model

Ian's bike cost £127.50. George buys a bike that costs 3 times as much as Ian's, how much did George spend?

?		
£127.50	£127.50	£127.50

£382.50		
£127.50	£127.50	£127.50

Pictorial
Number Line

13 x 9 = ?

0 13 26 39 52 65 78 91 104 117

Division Year 5

Abstract
Formal written method

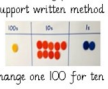
432 school children go on a camping trip. Each tent sleeps five. How many tents do they need to take?
432 ÷ 5 becomes

8 6 r2
5 | 4 3 2

Answer: 86 remainder 2
Answer: They will need to take 87 tents.

Concrete
Place value

192 ÷ 6 using place value counters to support written method



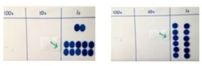
Exchange one 100 for ten 10s



19 tens into groups of 6



3 groups so that is 30 x 6 exchange remaining 10 for ten 1s



Pictorial

So 192 ÷ 6 = 32

