



# Our topics are: Place value, Addition, Subtraction, Multiplication and Division

At Sandhurst School we follow White Rose Maths. It is a practical based program that allows children to explore Maths through the use of equipment and gain a deeper understanding through reasoning and problem solving.

For more information please visit <https://whiterosemaths.com/for-parents/>.



### In Maths we will be:

- Identifying, reading, writing and partitioning number up to 1,000,000
- Comparing and ordering numbers up to 1,000,000
- Rounding any number to the nearest 10, 100, 1000 and 10,000
- Recognising Roman numerals
- Finding 10, 100, 1,000, 10,000 and 100,000 more or less than a number
- Identifying the number of tens in a multiple of 10
- Using mental strategies and knowledge of number bonds to add and subtract numbers
- Adding and subtracting whole numbers with more than 4 digits
- Rounding numbers to check answers
- Using inverse operations
- Comparing calculations
- Finding missing numbers to complete a calculation
- Finding multiples and common multiples

### Mathematical talk

Place value, million, hundred thousand, ten thousand, thousand, hundred, tens, ones, order, compare, round, estimate, numeral,

Add, total, sum, together, increase, plus, more

Subtract, minus, less than, difference, take away, reduce

Multiples of a number, multiply, lots of, divisibility rules

### Useful Links

<https://play.ttrockstars.com>

<https://www.timestables.co.uk/>

<https://www.mathmammoth.com/practice/multiplication>

[www.sumdog.com](http://www.sumdog.com)

[www.mathheads.net](http://www.mathheads.net)

### Maths Passports

Your child should continue to work on their targets in their Maths Passport at home. In school, we will build upon and apply their fluency using formal written methods with larger numbers.



**Strategy Five**  
Good for large numbers that you can't add mentally

**Vertical (Formal)**

$$\begin{array}{r} 358 \\ + 73 \\ \hline 431 \end{array}$$

Leave a line

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**Vertical (Formal)**

$$\begin{array}{r} 358 \\ + 73 \\ \hline 431 \end{array}$$

Leave a line

**Strategy Six**  
Good for multiplying by two digit numbers

**Long Multiplication**

$$\begin{array}{r} 258 \times 26 = \\ \times 26 \\ \hline 1548 \\ \times 5160 \\ \hline 6708 \end{array}$$

Leave a line

**Strategy Five**  
Good for multiplying by two digit numbers

**Short Multiplication**

$$\begin{array}{r} 2326 \\ \times 5 \\ \hline 11630 \end{array}$$

Leave a line

**Strategy Five**  
Good if you know your tables really well!

**Bus Stop Method**

90 + 20 =	632 + 90 =
110 + 20 =	722 + 90 =
130 + 20 =	812 + 90 =
150 + 20 =	902 + 90 =
170 + 20 =	992 + 90 =
190 + 20 =	1082 + 90 =
210 + 20 =	1172 + 90 =
230 + 20 =	1262 + 90 =
250 + 20 =	1352 + 90 =
270 + 20 =	1442 + 90 =
290 + 20 =	1532 + 90 =
310 + 20 =	1622 + 90 =
330 + 20 =	1712 + 90 =
350 + 20 =	1802 + 90 =
370 + 20 =	1892 + 90 =
390 + 20 =	1982 + 90 =
410 + 20 =	2072 + 90 =
430 + 20 =	2162 + 90 =
450 + 20 =	2252 + 90 =
470 + 20 =	2342 + 90 =
490 + 20 =	2432 + 90 =
510 + 20 =	2522 + 90 =
530 + 20 =	2612 + 90 =
550 + 20 =	2702 + 90 =
570 + 20 =	2792 + 90 =
590 + 20 =	2882 + 90 =
610 + 20 =	2972 + 90 =
630 + 20 =	3062 + 90 =
650 + 20 =	3152 + 90 =
670 + 20 =	3242 + 90 =
690 + 20 =	3332 + 90 =
710 + 20 =	3422 + 90 =
730 + 20 =	3512 + 90 =
750 + 20 =	3602 + 90 =
770 + 20 =	3692 + 90 =
790 + 20 =	3782 + 90 =
810 + 20 =	3872 + 90 =
830 + 20 =	3962 + 90 =
850 + 20 =	4052 + 90 =
870 + 20 =	4142 + 90 =
890 + 20 =	4232 + 90 =
910 + 20 =	4322 + 90 =
930 + 20 =	4412 + 90 =
950 + 20 =	4502 + 90 =
970 + 20 =	4592 + 90 =
990 + 20 =	4682 + 90 =