

St Philip's School Calculation Policy

Addition

Y3	46 <u>22</u> + 8 <u>60</u> 68	Y4	47 <u>26</u> + 73 <u>120</u>	Y5	54 <u>28</u> + 82 <u>132</u>	Y6	1285 <u>4796</u> + 6081 <u>111</u>
----	---	----	---------------------------------------	----	---------------------------------------	----	---

Vertical notation starts in Year 3

Subtraction

Y3	64 <u>21</u> - 43	Y4	²⁰ 22 <u>27</u> - 5	Y5	⁴¹ 51 <u>36</u> - 15	Y6	¹⁹⁹¹ 2003 <u>58</u> - 1945
----	-------------------------	----	---	----	--	----	--

The 10 turns into a 1 at the end of Year 4

Multiplication

Y1 Sorting and grouping, counting in 2s, 3s, 10s and 5s,
Introducing X sign

Y2 Saying tables by rote, relating counting in groups to 2,5,10x tables, sets

Y3 Tables (as in Yr 2 plus 3,4, and 6x tables, arrays)

		(Sum Term)	
Y4	23 <u>3</u> x 69	34 <u>3</u> x 102 _{10 12}	Tables as above plus 7,8 & 9
Y5	45 <u>4</u> x 180 2		Y6 57 <u>33</u> x 171 <u>1710</u> 1881 (Long Multiplication)

Division

Y1 Sharing, grouping

Y2 Group the amount and share e.g $6 - 2 = \text{☺} \text{ ☺}$ (mainly practical)

Y3 $6 - 2 = \text{☺} \text{ ☺}$ Splitting groups into amount by being divided
and using - notation

Y4	<u>031</u> 4 124	<u>033 r2</u> 4 134
----	-----------------------	--------------------------

This format continues through Years 5 and 6. The same method is used for decimals, but the decimal point is put in first.