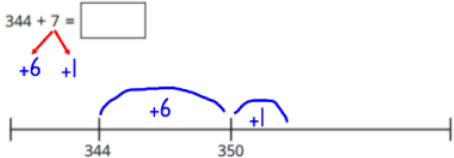
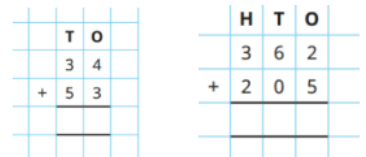
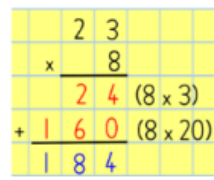
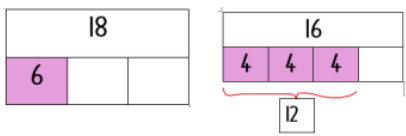
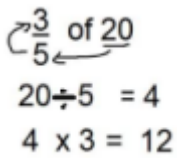


Autumn 8 weeks + 7 weeks	Spring 6 weeks + 5 weeks	Summer 6 weeks + 7 weeks
Week 1 – Two times table week. Practise accuracy/speed of recall for multiplication and division facts for the 2 times table (repeated practise Y2) Week 2 – Five times table week. Practise accuracy/speed of recall for multiplication and division facts for the 5 times table (repeated practise Y2) Week 3 – Ten times table week. Practise accuracy/speed of recall for multiplication and division facts for the 10 times table (repeated practise Y2) Week 4 – Add three single digit numbers. Teach that the digits can be added in any order (commutative). Focus on looking for number bonds or an 'easier pair' to add first and then add the final digit on. E.g. $8+4+2$, add 8 and 2 first, then add 4 at the end, Week 5 – Count from 0 in multiples of 100 (chant and write) - Count in 10s then 100s. E.g. 1, 100, 200, 300 Count in multiples of 50 (chant and write) - E.g. 0, 50, 100, 150, 200 Week 6 – Add or subtract across a 10. E.g. $344+7=$  Week 7 – Add two numbers with no exchange. (Also, begin counting in 3s this week. Just out loud as a class) E.g.  Week 8 – Subtract two numbers with no exchange. (Also, continue with 3s. Practise written facts for multiplication and division sentences of 3 times tables or go on TTRS.	Week 1 – Eight times table week. Practise accuracy and speed of recall for multiplication and division facts for the 8 times table. Week 2 – Apply place value knowledge to known facts and multiply and divide. E.g. $3 \times 4 = 12$ $12 \div 4 = 3$ $30 \times 4 = 120$ $120 \div 4 = 30$ Week 3 – Times tables week. Repeated practise of 2s, 5s, 10s, 3s, 4s, 8s. Week 4 – Multiply a 2-digit number by a 1-digit number using expanded method. Partition and multiply the value of the digits in each column. E.g. $23 \times 8 = 184$  Week 4 – Use bar model to find $\frac{1}{2}$ and $\frac{1}{4}$ of numbers (repeated practise from Year 2). E.g.  Week 5 – Times tables week. Repeated practise of 2s, 5s, 10s, 3s, 4s, 8s) Week 6 – Mixed column addition and subtraction with some exchanges (see Autumn term for examples) Week 7 – Use bar model to find $\frac{1}{3}$ and $\frac{2}{3}$ of numbers. (Repeated practise from Year 2).  Week 8 – Mental addition and subtraction questions for two days. E.g. $33-2$ $16+5$ $680-10$	Week 1 – Calculate the complements to 100. -Number bonds to 100 E.g. $90+?=100$ $85+?=100$ $72+?=100$ Week 2 – Scale known addition number facts by 10 to add and subtract. E.g. $8+6=14$ so $80+60=140$ $8-3=5$ so $80-30=50$ Week 3 – Add fractions with the same denominator. Answers must stay less than or equal to one whole. Week 4 – Subtract fractions with the same denominator. Week 5 – Find non-unit fractions of quantities (divide by denominator, multiply by the numerator).  Week 6 and 7: revise all Y3 arithmetic objectives. Week 8 – NTS assessments Ensure that children who are working at EXX achieve at least 35/40 on Summer Term NTS arithmetic. Week 9 – Gap fill from NTS Week 10 & 11: repeated practise of 2s, 5s, 10s, 3s, 4s, 8s.

<table><tr><td></td><td>H</td><td>T</td><td>O</td></tr><tr><td></td><td>3</td><td>5</td><td>8</td></tr><tr><td>-</td><td>2</td><td>2</td><td>6</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>		H	T	O		3	5	8	-	2	2	6									Recap of expanded multiplication for 3 days. E.g. 46x2 using expanded method previously taught. Week 9 – NTS assessments Week 10 – Gap fill. (Times tables practise). Week 11 – Use part-whole model to divide 2 digit by 1 digit number (no remainders). <table><tr><td>63 ÷ 3</td></tr><tr><td>60 ÷ 3 = 20</td></tr><tr><td>3 ÷ 3 = 1</td></tr><tr><td>63 ÷ 3 = 21</td></tr></table> Week 12 and 13 – Times tables practise of: 2s, 5s, 10s, 3s and 4s. Bespoke practise dependent upon pupils' needs. Teacher/TA focus groups. TT rockstars etc.	63 ÷ 3	60 ÷ 3 = 20	3 ÷ 3 = 1	63 ÷ 3 = 21	Be fluent in column addition and column subtraction.
	H	T	O																							
	3	5	8																							
-	2	2	6																							
63 ÷ 3																										
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