Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Add and subtract 1s from up to 3 digit numbers:** 69 + 1 = 499 + 1 = 497 + 4 = 26 – 4 = 477 – 5 = 455 – 8 =	**Number bonds to 10:** 3 + 4 = 3 + 7 = 8 – 3 = 10 – 3 =	**Multiplying by 10:** 3 x 10 = 14 x 10 = 30 x 10 = 34 x 10 = 340 x 10 =	**Add and subtract 10s from up to 3 digit numbers:** 90 + 10 = 490 + 20 = 497 + 40 = 466 – 40 = 403 – 50 =	**Number bonds to 20:** 13 + 4 = 13 + 7 = 20 – 5 = 30 – 8 =	**Multiplying by 10 and 100:** 3 x 10 = 14 x 100 = 30 x 10 = 34 x 100 = 340 x 100 =
Week 2	**Add and subtract 10s from up to 3 digit numbers:** 90 + 10 = 490 + 20 = 497 + 40 = 466 – 40 = 403 – 50 =	**Number bonds to 20:** 13 + 4 = 13 + 7 = 20 – 5 = 30 – 8 =	**Dividing by 10:** 30 ÷ 10 = 40 ÷ 10 = 130 ÷ 10 = 340 ÷ 10 =	**Add and subtract 100s from up to 3 digit numbers:** 900 + 100 = 420 + 200 = 442 + 400 = 623 – 400 = 756 – 500 =	**Number bonds to 100:** 30 + 70 = 40 + ? = 100 100 – 80 = 100 - ? = 60	**Dividing by 10 and 100:** 30 ÷ 10 = 400 ÷ 100 = 130 ÷ 10 = 3400 ÷ 100 =
Week 3	**Add and subtract 9 from a 2 digit number:** 10 + 9 = 12 + 9 = 32 + 9 = 56 + 9 =	**Bridging through 10:** 5 + 7= 16 + 8 = 58 + 3 = 13 – 4 = 54 – 7 =	**Doubling numbers:** 4 12 7 37 64 67	**Add and subtract 9 from a 2 digit number:** 32 + 9 = 56 + 19 = 45 + 29 = 37 + 39	**Bridging through 10:** 5 + 7= 16 + 8 = 58 + 3 = 13 – 4 = 54 – 7 =	**Doubling numbers:** 4 12 7 37 64 67

Week 4	Add and subtract 9 from a 2 digit number: 19 - 9 = 12 - 9 = 32 - 9 = 56 - 9 =	Bridging through 100: 50 + 70 = 60 + 60 = 180 + 30 = 130 – 40 = 540 – 70 =	Halving numbers: 8 16 26 86 34	Add and subtract 11 from a 2 digit number: 19 - 11 = 42 - 11 = 56 - 11 = 78 – 21 =	Bridging through 100: 50 + 70 = 60 + 60 = 180 + 30 = 130 – 40 = 540 – 70 =	Halving numbers: 8 16 26 86 34
Week 5	Add and subtract 2 digit numbers by partitioning and recombine: 12 + 13 = 23 + 54 = 34 + 36 = 34 + 48 = 45 + 57 =	Finding the difference between 2 digit numbers: 9 – 7 = 19 – 17 = 21 – 18 = 54 – 51 =	Near doubles: 6 + 7 = 12 + 13 = 29 + 30 =	Add and subtract 2 digit numbers by partitioning and recombine: 12 + 13 = 23 + 54 = 34 + 36 = 34 + 48 = 45 + 57 =	Finding the difference between 2 digit numbers: 9 – 7 = 19 – 17 = 21 – 18 = 54 – 51 =	Near doubles: 6 + 7 = 12 + 13 = 29 + 30 =
Week 6	Add and subtract 2 digit numbers by partitioning and recombine: 32 - 11 = 54 - 23 = 34 - 36 = 84 - 68 = 58 - 52 =	Adding several numbers: 14 + 15 + 16	Fractions of amounts: ½ and ¼ of numbers	Add and subtract 2 digit numbers by partitioning and recombine: 32 - 11 = 54 - 23 = 34 - 36 = 84 - 68 = 58 - 52 =	Selecting the best strategy Plug gaps from Arithmetic Tests	Fractions of amounts: ½ and ¼ of numbers Strategies for finding a ¼ of numbers.

Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Add and subtract 1s and 10s from up to 3 digit numbers:** 497 + 4 = 126 – 4 = 497 + 40 = 466 – 40 = 403 – 50 =	**Number bonds to 100:** 30 + 70 = 40 + ? = 100 100 – 80 = 100 - ? = 60	**Multiplying by 10 and 100:** 3 x 10 = 14 x 100 = 30 x 10 = 34 x 100 = 340 x 100 =	**Add and subtract 10s from 3/4 digit numbers:** 90 + 10 = 690 + 20 = 497 + 40 = 4066 – 40 = 4103 – 50 =	**Number bonds to 100:** 31 + 69 = 45 + ? = 100 100 – 86 = 100 - ? = 64	**Multiply and divide by 1000:** 3 x 1000 = 14 x 1000 = 30 x 1000 = 34 x 1000 = 3000 ÷ 1000 = 3400 ÷ 1000 =
Week 2	**Add and subtract 100s from up to 3 digit numbers:** 300 + 300 = 455 + 500= 900 + 800 = 800 – 300= 877 – 300 =	**Number bonds to 100:** 31 + 69 = 45 + ? = 100 100 – 86 = 100 - ? = 64	**Dividing by 10 and 100:** 30 ÷ 10 = 400 ÷ 100 = 130 ÷ 10 = 3400 ÷ 100 =	**Add and subtract 100s from 3/4 digit numbers:** 900 + 100 = 426 + 200 = 442 + 700 = 1423 – 500 = 2356 – 500 =	**Number bonds to 1000:** 300 + 700 = 400 + ? = 1000 1000 – 800 = 1000 - ? = 600 2000 – 700 =	**Multiply and divide by 10, 100 and 1000**
Week 3	**Add and subtract 9 from a 2 digit number:** 32 + 9 = 56 + 19 = 45 + 29 = 37 + 39 =	**Bridging through 100:** 195 + 7= 296 + 8 = 580 + 30 = 130 – 40 = 504 – 7 =	**Doubling numbers:** 37 64 67 123 236	**Add and subtract 9 from a 3 digit number:** 132 + 9 = 256 + 19 = 145 + 29 = 537 + 39 =	**Bridging through 100:** 195 + 7= 296 + 8 = 580 + 30 = 130 – 40 = 504 – 7 =	**Doubling numbers:** 67 123 437 362 567 788

Week 4	Add and subtract 11 from a 2 digit number: 42 - 11 = 56 - 11 = 78 − 21 = 145 − 21 =	Bridging through 100: 50 + 70 = 60 + 60 = 180 + 30 = 130 − 40 = 540 − 70 =	Halving numbers: 26 86 34 78 244 348	Add and subtract 8 from a 3 digit number: 42 - 8 = 156 - 8 = 78 + 8 = 145 + 28 =	Bridging through 100: 150 + 700 = 260 + 80 = 887 + 30 = 139 − 40 = 540 − 70 =	Halving numbers: 26 86 34 244 362 576
Week 5	Add and subtract 2 digit numbers by partitioning and recombine: 12 + 13 = 23 + 54 = 34 + 36 = 34 + 48 = 45 + 57 =	Finding the difference between 2 digit numbers: 59 − 57 = 23 − 17 = 64− 58 = 123− 117 =	Near doubles: 46 + 47 = 52 + 53 = 69 + 70 =	Add and subtract 3 digit numbers by partitioning and recombine: 132 - 11 = 254 - 23 = 534 - 36 = 684 - 63 = 658 - 52 =	Finding the difference between 2 digit numbers: 59 − 57 = 129 − 127 = 201 − 189 = 504 − 501 =	Near doubles: 146 + 147 = 352 + 353 = 269 + 270 =
Week 6	Add and subtract 3 digit numbers by partitioning and recombine: 132 +11 = 254 + 23 = 539 - 31 = 684 - 63 = 658 - 52 =	Adding several numbers: 14 + 15 + 16	Fractions of amounts: $\frac{1}{3}$ and $\frac{1}{6}$ of numbers	Add and subtract 3 digit numbers by partitioning and recombine: 132 + 111 = 254 + 323 = 534 - 136 = 684 - 363 = 658 - 452 =	Selecting the best strategy Plug gaps from Arithmetic Tests	Fractions of amounts: ½ , ¼, $\frac{1}{3}$ and $\frac{1}{6}$ of numbers Strategies for finding a $\frac{1}{3}$ to then find a $\frac{1}{6}$.

Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Add and subtract 1s and 10s from up to 4 digit numbers: 4977 + 4 = 1026 – 8 = 4097 + 40 = 4006 – 8 = 4003 – 50 =	Number bonds to 1000: 345 + 655 = 456 + ? = 1000 1000 – 834 = 1000 - ? = 644	Multiplying by 10, 100 and 1000: 3 x 10 = 14 x 100 = 30 x 1000 = 34 x 100 = 340 x 100 = 27 x 1000 =	Add and subtract 1s and 10s from up to 4 digit numbers: 4977 + 4 = 1026 – 8 = 4097 + 40 = 4006 – 8 = 4003 – 50 =	Number bonds to 100: 31 + 69 = 45 + ? = 100 100 – 86 = 100 - ? = 64	Multiply and divide by 10, 100 and 1000
Week 2	Add and subtract 1000s from up to 4 digit numbers: 3000 + 3000 = 7000 + 5000= 9000 + 8000 = 8000 – 3000= 8177 – 3000 =	Number bonds to 10,000: 3100 + 6900 = 4500 + ? = 10,000 10,000 – 8670 = 10,000 - ? = 6488	Dividing by 10, 100 and 1000: 30 ÷ 100 = 400 ÷ 1000 = 130 ÷ 10 = 3400 ÷ 100 = 78,000 ÷ 1000 =	Add and subtract 1000s from up to 4 digit numbers: 3000 + 3000 = 7000 + 5000= 9000 + 8000 = 8000 – 3000= 8177 – 300 =	Number bonds to 1000: 300 + 700 = 400 + ? = 1000 1000 – 800 = 1000 - ? = 600 2000 – 700 =	Multiply and divide by 10, 100 and 1000 Including decimals
Week 3	Add and subtract 9 from a 3 digit numbers: 132 + 29 = 556 + 39 = 455 + 29 = 367 + 69 =	Bridging through 1000: 1998 + 7 = 3996 + 8 = 2005 – 8 = 3004 – 6 =	Doubling numbers: 137 464 767 123 236 677	Add and subtract 9 from a 4 digit numbers: 1432 + 29 = 5256 + 39 = 4755 + 29 = 3667 + 69 =	Bridging through 100: 195 + 7= 296 + 8 = 580 + 30 = 130 – 40 = 504 – 7 =	Doubling numbers and near doubles: 6.3 12.3 43.7 36.8 56.7 78.8

Week 4	Add and subtract 9 from a 3 digit numbers: 142 - 29 = 566 - 29 = 750 – 39 = 945 –79=	Bridging through 1000: 2988 + 70 = 6970 + 60 = 1988 + 30 = 1300 – 400 = 540 – 70 =	Halving numbers: 26 86 34 78 3 35	Add and subtract 9 from a 4 digit numbers: 1042 - 199 = 566 - 299 = 7550 – 399 = 9545 –799=	Bridging through 1000: 1500 + 700 = 2600 + 800 = 8870 + 300 = 1390 – 400 = 5400 – 700 =	Halving numbers: 7 35 2.6 7.8
Week 5	Add and subtract 3 digit numbers by partitioning and recombine: 412 + 213 = 323 +5 54 = 434 + 436 = 534 + 348 = 645 + 657 =	Finding the difference between 3/4 digit numbers: 459 – 457 = 823 – 817 = 1064– 1058 = 4123– 4117 =	Number bonds to total 1: 0.4 + 0.6 1 – 0.3 =	Add and subtract 4 digit numbers by partitioning and recombine: 1332 - 4411 = 2454 - 4423 = 5634 - 3336 = 6484 - 6323 = 6586 - 5244 =	Finding the difference between 3/4 digit numbers: 259 – 257 = 3129 – 3127 = 2001 – 1989 = 5004 – 4991 =	Fractions of amounts: ½ , ¼, $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{7}$ of numbers Including non-unit fractions.
Week 6	Add and subtract 3 digit numbers by partitioning and recombine: 132 -11 = 254 - 23 = 2539 - 331 = 6684 - 663 = 7658 - 2352 =	Adding several numbers: 14 + 15 + 16	Fractions of amounts: $\frac{2}{3}$ and $\frac{4}{8}$ of numbers	Add and subtract 4 digit numbers by partitioning and recombine: 4332 - 2211 = 4454 - 4423 = 5634 - 3336 = 6484 - 6323 = 6586 - 5244 =	Selecting the best strategy Plug gaps from Arithmetic Tests	Selecting the best strategy Plug gaps from Arithmetic Tests

Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Add and subtract 1s, 10s, 100, 1000, 10,000, 1000,000 from up to 7 digit numbers: 10,000,000 – 100 10,000,000 - 5000	Number bonds to 10,000s and 1: 26,000 – 4.756 = 0.4 + 0.6 = 1 – 0.5 = 0.3 + ? = 0.45 + ? = 1	Multiply and divide by 10, 100 and 1000 Including decimals	Add and subtract 1s, 10s, 100, 1000, 10,000, 1000,000 from up to 7 digit numbers: 10,000,000 – 100 10,000,000 - 5000	Arithmetic Revision	
Week 2	Add and subtract tenths, 1s and 10s from up to numbers: 7.3 + 0.4 = 12.06 – 0.8 = 9.7 + 0.4 = 40.6 – 0.8 = 46.3 – 0.5 =	Number bonds to 0.1: 0.03 + 0.07 = 0.1 – 0.06 = 0.089 + ? = 0.1	Adding and Subtracting fractions with different denominators	Add and subtract tenths, 1s and 10s from up to numbers: 7.3 + 0.4 = 12.06 – 0.8 = 9.07 + 1.4 = 40.6 – 8.8 = 46.3 – 2.5 =		
Week 3	Add and subtract 9 tenths from numbers: 32 + 2.9 = 56 + 3.9 = 45.5 + 2.9 = 36.7 + 6.9 =	Multiplying and dividing by 20, 200, 50, 500, 40, 400	Doubling and Halving numbers: 137 464 767 12.3 23.6 67.7	Percentages of multiples of 10%		

Week 4	Add and subtract 9 from a 3 digit numbers: $14 - 2.9 =$ $56 - 2.9 =$ $75.7 - 3.9 =$ $94.5 - 7.9 =$	Bridging through 10,000: $24,788 + 7000 =$ $67,970 + 6000 =$ $19,848 + 3000 =$ $13,000 - 4000 =$ $54,655 - 7000 =$	Fractions of amounts: ½ , ¼, $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{7}$ of numbers Including non-unit fractions.	Percentages of numbers 19% 95% etc	
Week 5	Add and subtract up to 4 digit numbers by partitioning and recombine: $88,032 - 44,211 =$ $24,654 - 14,423 =$ $35,634 + 53,336 =$ $45,089 + 6,621$	Finding the difference between 3/4 digit numbers: $23,459 - 23,457 =$ $48,823 - 45,817 =$ $10,664 - 10,658 =$	Multiplying by mixed numbers: 14 x 2 ½	Selecting the best strategy Plug gaps from Arithmetic Tests	
Week 6	Selecting the best strategy Plug gaps from Arithmetic Tests	Selecting the best strategy Plug gaps from Arithmetic Tests	Percentages of amount 25%, 50% and 75%	Selecting the best strategy Plug gaps from Arithmetic Tests	