

Year 3	Summer 1	
Prior Learning	Key Vocabulary	
Objectives:	When else will objective be covered	
<u>Number and Place Value</u> 1. Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number 2. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) 3. Identify, represent and estimate numbers using different representations 4. Read and write numbers up to 1000 in numerals and in words 5. Solve number problems and practical problems	Core Objective Core Objective Core Objective Autumn 1 Core Objective	
<u>Addition and Subtraction</u> 6. Mentally add and subtract three-digit number and ones 7. Mentally add and subtract three digit number and tens 8. Mentally add and subtract three-digit number and hundreds 9. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 10. Estimate the answer to a calculation and use inverse operations to check the answers 11. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	Core Objective Core Objective Core Objective Core Objective Core Objective Core Objective	
<u>Multiplication and Division</u> 12. Recall and use multiplication and division facts for the 3,4 and 8 multiplication tables 13. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects	Core Objective Core Objective	
<u>Fractions</u> 14. Recognise and show, using diagrams, equivalent fractions with small denominators 15. Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$] 16. Compare and order unit fractions, and fractions with the same denominators 17. Solve problems that involve fractions	Spring 2 Summer 2 Summer 2 Core Objective	
<u>Measurement</u> 18. Add and subtract amounts of money to give a change, using both £ and p in practical context 19. Tell and write the time from an analogue clock, including using roman numerals from I to XII, and 12-hour and 24-hour clocks 20. Estimate and read time with increasing accuracy to the nearest minute 21. Know the number of seconds in a minute and the number of days in each month, year and leap year	Core Objective Core Objective Core Objective	
<u>Geometry</u> 22. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them 23. Recognise angles as a property of shape or a description of a turn 24. Identify right angles, recognise that two right angles make a half turn, three makes three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	Autumn 1 Autumn 2, Spring 1, Spring 2 Autumn 2, Spring 1, Spring 2	

Year 3	Summer 2	
Prior Learning	Key Vocabulary	
Objectives:	When else will objective be covered	
<u>Number and Place Value</u> 1. Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number 2. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) 3. Identify, represent and estimate numbers using different representations 4. Solve number problems and practical problems	Core Objective Core Objective Core Objective Core Objective	
<u>Addition and Subtraction</u> 5. Mentally add and subtract three-digit number and ones 6. Mentally add and subtract three digit number and tens 7. Mentally add and subtract three-digit number and hundreds 8. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 9. Estimate the answer to a calculation and use inverse operations to check the answers 10. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	Core Objective Core Objective Core Objective Core Objective Core Objective Core Objective	
<u>Multiplication and Division</u> 11. Recall and use multiplication and division facts for the 3,4 and 8 multiplication tables 12. Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods 13. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects	Core Objective Autumn 2, Spring 2 Core Objective	
<u>Fractions</u> 14. Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$] 15. Compare and order unit fractions, and fractions with the same denominators 16. Solve problems that involve fractions	Summer 1 Summer 1 Core Objective	
<u>Measurement</u> 17. Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) 18. Add and subtract amounts of money to give a change, using both £ and p in practical context 19. Estimate and read time with increasing accuracy to the nearest minute 20. Know the number of seconds in a minute and the number of days in each month, year and leap year	Autumn 2, Spring 2 Core Objective Core Objective Core Objective	
<u>Geometry</u> 21. Identify horizon and vertical lines and pairs of perpendicular and parallel lines	Spring 1	

Statistics

22. Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar chart and pictogram and tables.

Autumn 2, Spring 2