

Year 3	Spring 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. 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. 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> 13. Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one- digit numbers or quantities by 10 14. Recognise and use fractions as numbers: unit fractions and non-unit factions with small denominator 15. Solve problems that involve fractions	Autumn 2 Autumn 2 Core Objective	
<u>Measurement</u> 16. Measure the perimeter of simple 2-D shapes 17. Add and subtract amounts of money to give a change, using both £ and p in practical context 18. Estimate and read time with increasing accuracy to the nearest minute 19. Know the number of seconds in a minute and the number of days in each month, year and leap year	Spring 1 Core Objective Core Objective Core Objective	
<u>Geometry</u> 20. Recognise angles as a property of shape or a description of a turn 21. 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 22. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	Autumn 2, Spring 2, Summer 1 Autumn 2, Spring 2, Summer 1 Summer 2	

Year 3	Spring 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. Compare and order numbers up to 1000 4. Identify, represent and estimate numbers using different representations 5. Solve number problems and practical problems	Core Objective Core Objective Autumn 2 Core Objective 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. 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 14. 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, Summer 2 Core Objective	
<u>Fractions</u> 15. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominator 16. Solve problems that involve fractions 17. Recognise and show, using diagrams, equivalent fractions with small denominators	Autumn 1 Core Objective Summer 1	
<u>Measurement</u> 18. Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) 19. Add and subtract amounts of money to give a change, using both £ and p in practical context 20. Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minute and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight 21. Know the number of seconds in a minute and the number of days in each month, year and leap year 22. Compare durations of events [for example to calculate the time taken by particular events or tasks]	Autumn 2, Summer 2 Core Objective Core Objective Core Objective Autumn 1	
<u>Geometry – properties of shapes</u> 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 2, Spring 1, Summer 1 Autumn 2, Spring 1, Summer 1	

Statistics

25. Interpret and present data using bar charts, pictograms and tables

26. 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

Autumn 2, Summer 2