

Year 3, Block 1, Medium Term Plan, Mathematics, 2021 – 2022

Block 1 – Year 3	
National Curriculum Attainment Targets	Lesson Objectives
Pupils should be taught to:	Pupils will be taught to:
Number – Number and place value	Week 1
<ul style="list-style-type: none"> • recognise the place value of each digit in a three-digit number (hundreds, tens, ones) • compare and order numbers up to 1000 • read and write numbers up to 1000 in numerals • solve number problems and practical problems involving these ideas 	<ul style="list-style-type: none"> • Consolidate recognising the place value of each digit in a two-digit number (tens, ones) • Represent numbers using Base 10 material
	<ul style="list-style-type: none"> • Consolidate partitioning two-digit numbers in varied ways • Represent numbers using Base 10 material
	<ul style="list-style-type: none"> • Recognise the place of value of each digit in a three-digit number (hundreds, tens, ones) • Represent numbers using Base 10 material • Read and write numbers up to 1000 in numerals
	<ul style="list-style-type: none"> • Compare and order numbers up to 1000 • Solve number problems and reason mathematically
Number – Addition and subtraction	Week 2
<ul style="list-style-type: none"> • practise solving varied addition and subtraction questions. For mental calculations with two-digit numbers, the answers could exceed 100. * • add and subtract numbers mentally, including: <ul style="list-style-type: none"> – a three-digit number and ones 1. – a three-digit number and tens 	<ul style="list-style-type: none"> • Add mentally two, two-digit numbers
	<ul style="list-style-type: none"> • Add mentally a three-digit number and ones • Add mentally a three-digit number and tens
	<ul style="list-style-type: none"> • Subtract mentally two, two-digit numbers
	<ul style="list-style-type: none"> • Subtract mentally a three-digit number and ones • Subtract mentally a three-digit number and tens
Geometry – Properties of shapes	Week 3
<ul style="list-style-type: none"> 2. make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them 	<ul style="list-style-type: none"> • Recognise and name 3-D shapes lying in any position
	<ul style="list-style-type: none"> • Make models of 3-D shapes using straws and 2-D shapes
	<ul style="list-style-type: none"> • Use properties to classify and describe 3-D shapes
	<ul style="list-style-type: none"> • Build 3-D shapes with cubes
Number – Number and place value	Week 4
<ul style="list-style-type: none"> • add and subtract numbers mentally, including: <ul style="list-style-type: none"> – a three-digit number and ones – a three-digit number and tens – three-digit number and hundreds solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction 	<ul style="list-style-type: none"> • Add mentally a three-digit number and ones • Solve missing number problems • Add mentally a three-digit number and tens • Solve missing number problems • Add mentally a three-digit number and hundreds • Solve problems and reason mathematically
	Week 5
	<ul style="list-style-type: none"> • Subtract mentally a three-digit number and ones • Solve missing number problems • Subtract mentally a three-digit number and tens • Solve missing number problems

	<ul style="list-style-type: none"> • Subtract mentally a three-digit number and hundreds • Solve problems and reason mathematically
Geometry – Properties of shapes	Week 6
<ul style="list-style-type: none"> • recognise angles as a property of shape or a description of a turn <p>identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle</p>	<ul style="list-style-type: none"> • Identify right angles in 2-D shapes • Make and describe right-angled turns • Give and follow directions to make turns • Test whether angles are greater than or less than a right angle