



Block 1

Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Estimation and Rounding <ul style="list-style-type: none"> Estimate the number of objects (same objects in a row) Estimate the number of objects (different objects in a row) 	★			
	★★			
	★★★			
Awareness of Number –Counting, Quantities& Number Structure Counting <ul style="list-style-type: none"> Skip count in 2's and 4's to 100 (rote counting) 	★			
	★★			
	★★★			
Awareness of Number –Counting, Quantities& Number Structure Numerals <ul style="list-style-type: none"> Read and write numerals from 0-20 and then beyond 	★			
	★★			
	★★★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Awareness of Number –Counting, Quantities& Number Structure <u>Quantities</u></p> <ul style="list-style-type: none"> Identify most and more from objects and pictures 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Quantities& Number Structure <u>Place Value</u></p> <ul style="list-style-type: none"> Demonstrate the use of zero as a placeholder to at least 100 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Addition and Subtraction</p> <ul style="list-style-type: none"> Partition single digit numbers in different ways Recognise and describe part-whole relationships 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Multiplication and Division <ul style="list-style-type: none"> • Make equal groups • Add equal groups (repeated addition) 	★ ★ ★ ★ ★ ★			
Fractions, Decimals and Percentages <ul style="list-style-type: none"> • Make and identify halves 	★ ★ ★ ★ ★ ★			
Money <ul style="list-style-type: none"> • Recognise, name and order coins to £1 	★ ★ ★ ★ ★ ★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Time <ul style="list-style-type: none"> Sequence days of the week and know day before and after 	  			
Measurement <u>Length, Mass, Volume, Area</u> <ul style="list-style-type: none"> Compare 2 objects and describe using longer than and shorter than Compare 2 objects and describe using lighter than and heavier than Describe using empty, full, half full, nearly empty, etc. Comparing the size of different surfaces 	  			
Impact on the World <ul style="list-style-type: none"> Investigate importance of numbers in learning, life and work. 	  			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p><u>Patterns and Relationships</u></p> <ul style="list-style-type: none"> Describe and continue patterns for shapes, pictures, symbols and numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Expressions and Equations</p> <ul style="list-style-type: none"> Understand the terms equal to, not equal to and the appropriate symbols 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>2D and 3D Shape</p> <ul style="list-style-type: none"> Name, identify, classify 2D shapes and 3D objects. Introduce new polygons, cylinder, cone and pyramid. 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Angles and Symmetry <ul style="list-style-type: none"> Describe directions using appropriate language; full, half, quarter turn, North, South, East and West 	★			
	★★★			
	★★★★★			
Transformation <ul style="list-style-type: none"> Understand the purpose of a grid 	★			
	★★★			
	★★★★★			
Ideas of Chance and Uncertainty <ul style="list-style-type: none"> Use and understand vocabulary of probability. 	★			
	★★★			
	★★★★★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Data Handling and Analysis <ul style="list-style-type: none">• Ask and answer questions to extract key information from a variety of data sets.	★			
	★ ★			
	★ ★ ★			



Block 2

Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Estimation and Rounding <ul style="list-style-type: none"> Estimate the number of objects (same objects in a pile) Estimate the number of objects (diff objects in a pile) 	★			
	★★			
	★★★			
Awareness of Number –Counting, Quantities& Number Structure Counting <ul style="list-style-type: none"> Skip counting 5's and 10's to 100 	★			
	★★			
	★★★			
Awareness of Number –Counting, Quantities& Number Structure Numerals <ul style="list-style-type: none"> Read and write numerals from 0-20 and then beyond 	★			
	★★			
	★★★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Awareness of Number –Counting, Quantities& Number Structure <u>Quantities</u></p> <ul style="list-style-type: none"> Identify least and fewer from objects and pictures 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Quantities& Number Structure <u>Place Value</u></p> <ul style="list-style-type: none"> Use objects/tens frames to represent different numbers, up to 2 digit numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Addition and Subtraction</p> <ul style="list-style-type: none"> Use number bonds to create problems to 20 Read and arrange a number sentence using objects and pictures 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Multiplication and Division <ul style="list-style-type: none"> • Make equal rows (arrays) 	★ ★ ★ ★ ★ ★			
Fractions, Decimals and Percentages <ul style="list-style-type: none"> • Make and identify quarters 	★ ★ ★ ★ ★ ★			
Money <ul style="list-style-type: none"> • Investigate using different combinations of coins and notes to make the same amounts of money to £1 	★ ★ ★ ★ ★ ★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Time <ul style="list-style-type: none"> Introduce the number of days in each month 	  			
Measurement <u>Length, Mass, Volume, Area</u> <ul style="list-style-type: none"> Estimate, compare and order length of everyday objects Estimate, compare and order mass of everyday objects Compare the volume of different containers Covering various surfaces with different materials to order areas 	  			
Impact on the World <ul style="list-style-type: none"> Investigate importance of numbers in learning, life and work. 	  			





Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p><u>Patterns and Relationships</u></p> <ul style="list-style-type: none"> Describe and continue patterns for shapes, pictures, symbols and numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Expressions and Equations</p> <ul style="list-style-type: none"> Understand the terms equal to, not equal to and the appropriate symbols 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>2D and 3D Shape</p> <ul style="list-style-type: none"> Name, identify, classify 2D shapes and 3D objects. Introduce new polygons, cylinder, cone and pyramid. 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Angles and Symmetry</p> <ul style="list-style-type: none"> Follow and record directions using appropriate language 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Transformation</p> <ul style="list-style-type: none"> Use 2 figure grid references to describe positions on the grid 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Ideas of Chance and Uncertainty</p> <ul style="list-style-type: none"> Use and understand vocabulary of probability 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Data Handling and Analysis <ul style="list-style-type: none">• Know and select the most effective way to gather data for a particular purpose				
				
				



Block 3

Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Estimation and Rounding <ul style="list-style-type: none"> Estimate the total and check by counting all Estimate the difference and check by counting all 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Awareness of Number –Counting, Quantities& Number Structure Counting <ul style="list-style-type: none"> Give more or less than a given number 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Awareness of Number –Counting, Quantities& Number Structure Numerals <ul style="list-style-type: none"> Read and write numerals from 0-20 and then beyond Use knowledge of place value to place numerals on a number line 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Awareness of Number –Counting, Quantities& Number Structure <u>Quantities</u></p> <ul style="list-style-type: none"> • Compare quantities using language such as most and least 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Quantities& Number Structure <u>Place Value</u></p> <ul style="list-style-type: none"> • Recognise tens and units in numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Solve a mathematical number sentence/problem using symbols 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Multiplication and Division <ul style="list-style-type: none"> • Find doubles • Understand x facts • Multiply by 2 and 4 	<div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★</div> <div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★ ★</div> <div style="padding: 5px 0 5px 20px;">★ ★ ★</div>			
Fractions, Decimals and Percentages <ul style="list-style-type: none"> • Share and group equally 	<div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★</div> <div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★ ★</div> <div style="padding: 5px 0 5px 20px;">★ ★ ★</div>			
Money <ul style="list-style-type: none"> • Investigate using different combinations of coins and notes to make the same amounts of money to £1 	<div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★</div> <div style="border-bottom: 1px solid black; padding: 5px 0 5px 20px;">★ ★</div> <div style="padding: 5px 0 5px 20px;">★ ★ ★</div>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Time</p> <ul style="list-style-type: none"> Understand and connect months to each season 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Measurement <u>Length, Mass, Volume, Area</u></p> <ul style="list-style-type: none"> Estimate, compare and order length of everyday objects Estimate, compare and order mass of everyday objects Compare the volume of different containers Measure area of simple 2D shapes by counting whole squares 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Impact on the World</p> <ul style="list-style-type: none"> Investigate importance of numbers in learning, life and work Investigate variety of number systems used throughout history 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			






Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p><u>Patterns and Relationships</u></p> <ul style="list-style-type: none"> Describe and continue patterns for shapes, pictures, symbols and numbers Create patterns for shapes, pictures, symbols. and numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Expressions and Equations</p> <ul style="list-style-type: none"> Understand the terms equal to, not equal to and the appropriate symbols Solve simple equations to solve a problem $\Delta + 5 = 7$ 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>2D and 3D Shape</p> <ul style="list-style-type: none"> Recognise 2D and 3D shapes in different orientations and sizes, and in the environment 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Angles and Symmetry</p> <ul style="list-style-type: none"> Identify right angles in the environment 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Transformation</p> <ul style="list-style-type: none"> Demonstrate a knowledge of horizontal and vertical location 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Ideas of Chance and Uncertainty</p> <ul style="list-style-type: none"> Interpret data to make reasonable predictions of probability 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Data Handling and Analysis • Use a variety of methods including digital technology to display gathered data				
				
				



Block 4

Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Estimation and Rounding <ul style="list-style-type: none"> Estimate the total & difference by counting on / from 	★			
	★ ★			
	★ ★ ★			
Awareness of Number –Counting, Quantities& Number Structure Counting <ul style="list-style-type: none"> Count forward and backwards to and from , at least 100 	★			
	★ ★			
	★ ★ ★			
Awareness of Number –Counting, Quantities& Number Structure Numerals <ul style="list-style-type: none"> Use knowledge of place value to place numerals on a number line 	★			
	★ ★			
	★ ★ ★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Awareness of Number –Counting, Quantities& Number Structure <u>Quantities</u></p> <ul style="list-style-type: none"> • Compare quantities using language such as most and least • Use language of 'equal to' when comparing quantities 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Quantities& Number Structure <u>Place Value</u></p> <ul style="list-style-type: none"> • Match numerals to pictorial representation or objects 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Add/subtract using number bonds • Add/subtract by counting on /back 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Multiplication and Division <ul style="list-style-type: none"> • Divide by 2 and 4 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Fractions, Decimals and Percentages <ul style="list-style-type: none"> • Understand that quarter is half of a half 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Money <ul style="list-style-type: none"> • Know 100p = £1 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Time</p> <ul style="list-style-type: none"> Read analogue & digital o'clock times and represent this to a digital display and clock face 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Measurement <u>Length, Mass, Volume, Area</u></p> <ul style="list-style-type: none"> Use non-standard units to measure length Use non-standard units to measure mass Understand that different shaped containers can have the same volume Create squares and rectangles with different areas and compare sizes 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Impact on the World</p> <ul style="list-style-type: none"> Investigate variety of number systems used throughout history 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p><u>Patterns and Relationships</u></p> <ul style="list-style-type: none"> • Create patterns for shapes, pictures, symbols, and numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Expressions and Equations</p> <ul style="list-style-type: none"> • Solve simple equations to solve a problem $\Delta + 5 = 7$ 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>2D and 3D Shape</p> <ul style="list-style-type: none"> • Describe properties of 2D shapes and 3D objects, e.g. sides, faces, edges 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Angles and Symmetry</p> <ul style="list-style-type: none"> Identify lines of symmetry in 2D shapes by folding and drawing one line of symmetry 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Transformation</p> <ul style="list-style-type: none"> Plot 2 figure grid references 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Ideas of Chance and Uncertainty</p> <ul style="list-style-type: none"> Interpret data to make reasonable predictions of probability 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Data Handling and Analysis <ul style="list-style-type: none">• Present information appropriately including title, labelling and an appropriate scale	★			
	★★			
	★★★			



Block 5

Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Estimation and Rounding <ul style="list-style-type: none"> Round to the nearest 10 from (0-100) 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Awareness of Number –Counting, Quantities& Number Structure <u>Counting</u> <ul style="list-style-type: none"> Understand and give examples of the number before and after any given number to 100 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			
Awareness of Number –Counting, Quantities& Number Structure <u>Numerals</u> <ul style="list-style-type: none"> Use knowledge of place value to place numerals on a number line 	<div style="text-align: center;">★</div> <hr/> <div style="text-align: center;">★ ★</div> <hr/> <div style="text-align: center;">★ ★ ★</div>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Awareness of Number –Counting, Quantities& Number Structure <u>Quantities</u></p> <ul style="list-style-type: none"> • Use language of 'equal to' when comparing quantities 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Quantities& Number Structure <u>Place Value</u></p> <ul style="list-style-type: none"> • Recognise the place value of numerals in 2 digit numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Solve missing number problems • Use appropriate vocabulary to create addition and subtraction stories 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Multiplication and Division <ul style="list-style-type: none"> Solve problems \times and \div by 2 and 4 	★ ★★ ★★★			
Fractions, Decimals and Percentages <ul style="list-style-type: none"> Understand that quarter is half of a half 	★ ★★ ★★★			
Money <ul style="list-style-type: none"> Making totals and giving change within a £1 	★ ★★ ★★★			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Time</p> <ul style="list-style-type: none"> Use analogue and digital clocks to tell time: half past 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Measurement <u>Length, Mass, Volume, Area</u></p> <ul style="list-style-type: none"> Use non-standard units to measure length Use non-standard units to measure mass Understand that different shaped containers can have the same volume Create squares and rectangles with different areas and compare sizes 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Impact on the World</p> <ul style="list-style-type: none"> Investigate variety of number systems used throughout history 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p><u>Patterns and Relationships</u></p> <ul style="list-style-type: none"> • Create patterns for shapes, pictures, symbols, and numbers 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>Expressions and Equations</p> <ul style="list-style-type: none"> • Solve simple equations to solve a problem $\Delta + 5 = 7$ 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			
<p>2D and 3D Shape</p> <ul style="list-style-type: none"> • Describe properties of 2D shapes and 3D objects, e.g. sides, faces, edges 	<p>★</p> <hr/> <p>★ ★</p> <hr/> <p>★ ★ ★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
<p>Angles and Symmetry</p> <ul style="list-style-type: none"> Identify lines of symmetry in 2D shapes by folding and drawing one line of symmetry 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Transformation</p> <ul style="list-style-type: none"> Plot 2 figure grid references 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			
<p>Ideas of Chance and Uncertainty</p> <ul style="list-style-type: none"> Interpret data to make reasonable predictions of probability 	<p>★</p> <hr/> <p>★★</p> <hr/> <p>★★★</p>			



Area of Numeracy and Maths	Differentiated Activities	Resources	Assessment and Observation	Date Completed
Data Handling and Analysis <ul style="list-style-type: none">• Present information appropriately including title, labelling and an appropriate scale	★			
	★★			
	★★★			