St Andrew's Church of England VC Primary School
Medium Term Plans- Summer Term

Bullet points in bold relate to the Ready to Progress criteria, produced by DfE and are made a priority by staff.

Ready-to-progress criteria strands	Code
Number and place value	**NPV**
Number facts	**NF**
Addition and subtraction	**AS**
Multiplication and division	**MD**
Fractions	**F**
Geometry	**G**

Nursery

Unit Name	Intended Outcomes
Number, Geometry, Measurement: It's Me, 1, 2, 3!	• Say one number for each item in order: 1,2,3,4,5. • Show 'finger numbers' up to 5. • Link numerals and amounts: for example, showing the right number of objects • Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round' • To talk about and identify patterns around them, stipes, designs on clothes • Make comparisons between objects relating to size, length, weight and (capacity cover Spring term)

Reception

Unit Name	Intended Outcomes
To 20 and beyond!	• Build numbers beyond 10 • Count patterns beyond 10 • Spatial reasoning 1 • Match, rotate, manipulate
First, Then, Now	• Adding more • Taking away • Spatial reasoning 2

	• Compose and decompose
Find My Pattern	• Doubling • Sharing & grouping • Even & odd • Spatial reasoning 3 • Visualise and build
On The Move	• Deepening understanding • Patterns & relationships • Spatial mapping 4 • Mapping

Year One

Unit Name	Intended Outcomes
Number Multiplication and Division	• **Count in 2s** • **Count in 10s** • **Count in 5s** • **Recognise equal groups** • **Add equal groups** • **Make arrays** • **Make doubles** • **Make equal groups – grouping** • **Make equal groups – sharing**
Number Fractions	• **Recognise a half of an object or a shape** • **Find a half of an object or a shape** • **Recognise a half of a quantity** • **Find a half of a quantity** • **Recognise a quarter of an object or a shape** • **Find a quarter of an object or a shape** • **Recognise a quarter of a quantity** • **Find a quarter of a quantity**
Geometry Position and Direction	• **Describe turns** • Describe position – left and right • Describe position – forwards and backwards • Describe position – above and below • Ordinal numbers

Number Place Value within 100	• **Count from 50 to 100** • **Tens to 100** • Partition into tens and ones • **The number line to 100** • **1 more, 1 less** • Compare numbers with the same number of tens • Compare any two numbers
Measurement Money	• Unitising • **Recognise coins** • **Recognise notes** • **Count in coins**
Measurement Time	• **Before and after** • **Days of the week** • **Months of the year** • **Hours, minutes and seconds** • **Tell the time to the hour** • **Tell the time to the half hour**

Year Two

Unit Name	Intended Outcomes
Number Fractions	• Introduction to parts and whole • Equal and unequal parts • **Recognise a half** • **Find a half** • **Recognise a quarter** • **Find a quarter** • **Recognise a third** • **Find a third** • **Find the whole** • **Unit fractions** • **Non-unit fractions** • **Recognise the equivalence of a half and two-quarters** • **Recognise three-quarters**

	• **Find three-quarters** • Count in fractions up to a whole
Measurement Time	• **O'clock and half past** • **Quarter past and quarter to** • **Tell the time past the hour** • **Tell the time to the hour** • **Tell the time to 5 minutes** • **Minutes in an hour** • **Hours in a day**
	SATS Consolidation
Statistics	• **Make tally charts** • **Tables** • **Block diagrams** • **Draw pictograms (1–1)** • **Interpret pictograms (1–1)** • **Draw pictograms (2, 5 and 10)** • **Interpret pictograms (2, 5 and 10)**
Geometry Position and Direction	• **Language of position** • **Describe movement** • **Describe turns** • **Describe movement and turns** • **Shape patterns with turns**
Measurement Mass, Capacity and Volume	• Compare mass. • Measure in grams and kilograms. • Four operations with mass. • Compare volume and capacity. • Measure in millimetres. • Measure in litres. • Four operations with volume and capacity. • Temperature.

Year Three

Unit Name	Intended Outcomes
Number Fractions B	• **Add fractions** • **Subtract fractions** • Partition the whole

	• **Unit fractions of a set of objects** • Non-unit fractions of a set of objects • **Reasoning with fractions of an amount**
Measurement Money	• Pounds and pence • Convert pounds and pence • **Add money** • **Subtract money** • **Find change**
Measurement Time	• **Roman numerals to 12** • **Tell the time to 5 minutes** • **Tell the time to the minute** • Read time on a digital clock • **Use am and pm** • Years, months and days • Days and hours • **Hours and minutes – use start and end times** • **Hours and minutes - use durations** • **Minutes and seconds** • Units of time • Solve problems with time
Geometry Shape	• **Turns and angles** • **Right angles** • **Compare angles** • **Measure and draw accurately** • **Horizontal and vertical** • **Parallel and perpendicular** • **Recognise and describe 2-D shapes** • **Draw polygons** • **Recognise and describe 3-D shapes** • **Make 3-D shapes**
Statistics	• **Interpret pictograms** • **Draw pictograms** • **Interpret bar charts** • **Draw bar charts** • **Collect and represent data** • **Two-way tables**

Year Four

Unit Name	Intended Outcomes

Number Decimal B	• **Make a whole with tenths** • **Make a whole with hundredths** • Partition decimals • Flexibly partition decimals • **Compare decimals** • Order decimals • **Round to the nearest whole number** • **Halves and quarters as decimals**
Measurement Money	• Write money using decimals • **Convert between pounds and pence** • **Compare amounts of money** • **Estimate with money** • **Calculate with money** • Solve problems with money
Measurement Time	• **Years, months, weeks and days** • **Hours, minutes and seconds** • **Convert between analogue and digital times** • **Convert to the 24-hour clock** • **Convert from the 24-hour clock**
Geometry Shape	• Understand angles as turns • **Identify angles** • **Compare and order angles** • **Triangles** • **Quadrilaterals** • Polygons • **Lines of symmetry** • **Complete a symmetric figure**
Statistics	• **Interpret charts** • **Comparison, sum and difference** • **Interpret line graphs** • **Draw line graphs**
Geometry Position and Movement	• **Describe position using coordinates** • **Plot coordinates** • **Draw 2-D shapes on a grid** • **Translate on a grid** • **Describe translation on a grid**

Year Five

Unit Name	Intended Outcomes

Decimals and Percentages	• **Decimals up to 2 decimal places** • **Equivalent fractions and decimals (tenths and hundredths)** • **Equivalent fractions and decimals** • **Thousandths as fractions and decimals and on place value chart** • **Order and compare decimals** • **Round to the nearest whole number** • **Round to 1 decimal place** • Understand percentages • Percentages as fractions and decimals • **Equivalent fractions, decimals and percentages**
Measurement: Perimeter and Area	• Perimeter of rectangles • Perimeter of rectilinear shapes • Perimeter of polygons • **Area of rectangles.** • **Are of compound shapes**. • Estimate area
Geometry Shape	• **Understand and use degrees** • **Classify angles** • **Estimate angles** • **Measure angles up to 180°** • **Draw lines and angles accurately** • **Calculate angles around a point** • **Calculate angles on a straight line** • **Lengths and angles in shapes** • **Regular and irregular polygons** • **3-D shapes**
Geometry Position and Movement	• Read and plot coordinates • Problem solving with coordinates • Translation • Translation with coordinates • Lines of symmetry • **Reflection in horizontal and vertical lines**
Number Decimals	• Use known facts to add and subtract decimals within 1 • Complements to 1 • Add and subtract decimals across 1 • Add decimals with the same number of decimal places • Subtract decimals with the same number of decimal places • Add decimals with different numbers of decimal places • Subtract decimals with different numbers of decimal places • Efficient strategies for adding and subtracting decimals • Decimal sequences

	• **Multiply by 10, 100 and 1,000** • **Divide by 10, 100 and 1,000** • **Multiply and divide decimals – missing values**
Number Negative Numbers	• Understand negative numbers • **Count through zero in 1s** • Count through zero in multiples • Compare and order negative numbers • Find the difference

Year Six

Unit Name	Intended Outcomes
Geometry Shape	• Measure and classify angles • Calculate angles • Vertically opposite angles • **Angles in a triangle** • **Angles in a triangle – special cases** • **Angles in a triangle – missing angles** • **Angles in a quadrilateral** • **Angles in polygons** • Circles • **Draw shapes accurately** • Nets of 3-D shapes
Geometry Position and Movement	• **The first quadrant** • **Read and plot points in four quadrants** • **Solve problems with coordinates** • **Translations** • **Reflections**
Problem solving unit	