

<b>Autumn 1: 33 lessons</b>				
<b>1 Chapter 1: Numbers to 10 000</b>				
<b>INSET day Q1E</b>	<b>INSET day school</b>	<b>Lesson 1: Counting in Hundreds and Twenty-Fives</b> To count in hundreds and twenty-fives.	<b>Lesson 2: Counting in Thousands</b> To count in thousands.	<b>Lesson 3: Counting in Thousands, Hundreds, Tens and Ones</b> To count in thousands, hundreds, tens and ones.
<b>2 Chapter 1: Numbers to 10 000 (Factual fluency: including basic rounding to the nearest 10 and 100)</b>				
<b>Lesson 4: Using Place Value</b> To use an understanding of place value to count.	<b>Lesson 5: Using Place Value</b> To understand place value in a 4-digit number.	<b>Lesson 6: Comparing and Ordering Numbers</b> To compare and order numbers.	<b>Lesson 7: Comparing and Ordering Numbers</b> To compare and order 4-digit numbers.	<b>Lesson 8: Making Number Patterns</b> To make number patterns (100, 10, 1 more and less).
<b>3 Chapter 1: Numbers to 10 000</b>				
<b>Lesson 9: Making Number Patterns</b> To make number patterns (4-digit numbers).	<b>Lesson 10: Rounding Numbers</b> To round numbers to the nearest 1000.	<b>Lesson 11: Rounding Numbers</b> To round numbers to the nearest 10, 100 and 1000.	<b>Lesson 12: Rounding Numbers to Estimate</b> To round numbers to estimate.	<b>Lesson 13: Rounding Numbers to Estimate</b> To round numbers to estimate.
<b>4 Chapter 1: Numbers to 10 000 (Factual fluency: including missing number sequences)</b>				
<b>Consolidation of rounding, if needed</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 1 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON : Negative Numbers</b> To compare and order numbers.	<b>ADDITIONAL LESSON : Negative Numbers</b>	<b>Lesson 1: Finding Totals and Sums</b> To find totals and sums.
<b>5 Chapter 2: Addition and Subtraction</b>				
<b>Lesson 2: Adding without Renaming</b> To add without renaming.	<b>Lesson 3: Adding with Renaming</b> To add with renaming (in the ones column).	<b>Lesson 4: Adding with Renaming</b> To add with renaming (in tens and ones).	<b>Lesson 5: Adding with Renaming</b> To add with renaming (in hundreds, tens and ones).	<b>Lesson 6: Adding Using Mental Strategies</b> To add using mental strategies (making tens, hundreds and thousands).
<b>6 Chapter 2: Addition and Subtraction (Factual fluency: including basic rounding to the nearest 10, 100 and 1000)</b>				
<b>Lesson 7: Adding Using Mental Strategies</b> To add using mental strategies.	<b>Lesson 8: Finding Differences</b> To find the difference.	<b>Lesson 9: Subtracting without Renaming</b> To subtract without renaming (column subtraction).	<b>Lesson 10: Subtracting with Renaming</b> To subtract with renaming (in tens and ones).	<b>Lesson 11: Subtracting with Renaming</b> To subtract with renaming (in H, T & O).
<b>7 Chapter 2: Addition and Subtraction</b>				
<b>Lesson 12: Subtracting with Renaming</b> To subtract with renaming (in H, T & O).	<b>Lesson 13: Subtracting with Renaming</b> To subtract with renaming in the Th, H, T and O place.	<b>Lesson 14: Solving Word Problems (over 2 days)</b> To solve addition and subtraction word problems.	<b>Lesson 14: Solving Word Problems (over 2 days)</b>	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.
<b>Half term break (Homework: x2,x3,x4,x5,x8,x10 tables)</b>				

<b>Autumn 2: 38 lessons</b>				
<b>1 Chapter 2: Addition and Subtraction (Factual fluency: including <math>\times/\div</math> facts for 3, 4, 8 x tables)</b>				
INSET day Q1E	<b>Lesson 15: Solving Word Problems (over 2 days)</b> To solve word problems (add and subtract).	<b>Lesson 15: Solving Word Problems (over 2 days)</b>	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 2 review and consolidation</b> To practise various concepts covered in the chapter
<b>2 Chapter 3: Multiplication and Division</b>				
<b>Lesson 1: Counting in 6, 7 and 9s</b> To multiply by 6, 7 and 9	<b>Lesson 2: Multiplying by 6</b> To multiply by 6	<b>Lesson 3: Multiplying by 7</b> To multiply by 7.	<b>Lesson 4: Multiplying by 9</b> To multiply by 9	<b>Lesson 5: Multiplying by 9</b> To multiply by 9
<b>3 Chapter 3: Multiplication and Division (Factual fluency: including <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math> and <math>\frac{1}{4}</math> of amounts)</b>				
<b>COMBINED LESSON: Lesson 6: Multiplying by 11</b> To multiply by 11. <b>Lesson 7: Multiplying by 11</b> To multiply by 11.	<b>Lesson 8: Multiplying by 12</b> To multiply by 12.	<b>Lesson 9: Dividing by 6</b> To divide by 6.	<b>Lesson 10: Dividing by 7</b> To divide by 7.	<b>Lesson 11: Dividing by 9</b> To divide by 9.
<b>4 Chapter 3: Multiplication and Division</b>				
<b>Lesson 12: Multiply &amp; Divide by 11 &amp; 12</b> To multiply & divide by 11 and 12	<b>Lesson 13: Dividing with Remainder</b> To divide with remainders.	<b>AUTUMN TEST: arithmetic</b>	<b>AUTUMN TEST: reasoning</b>	<b>AUTUMN TEST: reasoning</b>
<b>5 Chapter 3: Multiplication and Division</b>				
<b>Lesson 14: Solving Word Problems (over 2 days)</b> To solve word problems involving multiplication and division.	<b>Lesson 14: Solving Word Problems (over 2 days)</b>	<b>Lesson 15: Solving Word Problems (over 2 days, if needed)</b> To solve word problems involving multiplication and division.	<b>Lesson 15: Solving Word Problems (over 2 days, if needed)</b>	<b>Lesson 17: Solving Word Problems</b> Solve multi-step problems (all possibilities).
<b>6 Ch3: X &amp; divide Chapter 4: Further Multiplication and Division</b>				
<b>Lesson 19: Solving Word Problems</b> Solve problems involving scaling & comparison $\times$ & $\div$	<b>Chapter 3 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Multiplying by 0 &amp; 1</b> To multiply by 0 & 1.	<b>Lesson 2: Dividing by 1</b> To divide by 1.	<b>Lesson 3: Multiplying the Same Two Numbers</b> To understand commutativity.
<b>7 Chapter 4: Further Multiplication and Division</b>				
<b>Lesson 4: Multiplying Three Numbers</b> To multiply three numbers.	<b>Lesson 5: Multiplying Multiples of 10</b> To multiply with multiples of 10.	<b>Lesson 6: Multiplying 2-Digit Numbers</b> To multiply 2-digit numbers without renaming.	<b>Lesson 7: Multiplying 2-Digit Numbers</b> To multiply 2-digit numbers with renaming.	<b>Lesson 8: Multiplying Multiples of 100</b> To multiply multiples of 100.
<b>8 Chapter 4: Further Multiplication &amp; Division</b>				
<b>Lesson 9: Multiplying 3-Digit Numbers</b> To multiply 3-digit numbers without renaming.	<b>Lesson 10: Multiplying 3-Digit Numbers</b> To multiply 3-digit numbers (renaming).	<b>Lesson 11: Multiplying 3-Digit Numbers</b> To multiply 3-digit numbers	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Christmas break</b>
<b>Christmas break (Homework: telling the time)</b>				

<b>Spring 1: 24 lessons</b>				
<b>1 Chapter 4: Further Multiplication &amp; Division</b>				
<b>INSET day school</b>	<b>Lesson 12: Dividing 2-Digit Numbers</b> To divide 2-digit numbers	<b>Lesson 13: Dividing 3-Digit Numbers</b> To divide 3-digit numbers.	<b>Lesson 14: Dividing 2-Digit Numbers with remainders.</b> Divide 2-digit numbers	<b>Lesson 15: Dividing 3-Digit Numbers</b> Divide 3-digit numbers.
<b>2 Chapter 4: Further Multiplication &amp; Division</b>				<b>Chapter 5: Graphs</b>
<b>Lesson 16: Dividing 3-Digit Numbers</b> Divide 3-digit numbers with remainders.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>ADDITIONAL LESSON: One step word problems (or 2-step) using multiplication and division</b>	<b>Chapter 4 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Drawing and Reading Picture Graphs and Bar Graphs</b> To draw and read picture graphs and bar graphs.
<b>3 Chapter 5: Graphs</b>				
<b>Lesson 2: Drawing and Reading Bar Graphs</b> To draw and read bar graphs.	<b>Lesson 3: Drawing and Reading Line Graphs</b> To draw and read line graphs.	<b>Lesson 4: Drawing and Reading Line Graphs</b> To draw and read a line graph.	<b>Lesson 5: Drawing and Reading Line Graphs</b> To draw and read line graphs (drawing focus).	<b>Chapter 5 review and consolidation</b> To practise various concepts covered in the chapter
<b>4 Chapter 6: Fractions</b>				
<b>Lesson 1: Counting in Hundredths</b> To count in hundredths.	<b>Lesson 2: Writing Mixed Numbers</b> To write mixed number fractions.	<b>Lesson 3: Showing Mixed Numbers on a Number Line</b> To show mixed number fractions on a number line.	<b>Lesson 4: Finding Equivalent Fractions</b> To find equivalent fractions.	<b>Lesson 5: Finding Equivalent Fractions</b> To find equivalent fractions (further practise).
<b>5 Chapter 6: Fractions</b>				
<b>Lesson 6: Simplifying Mixed Numbers</b> To simplify mixed number fractions.	<b>Lesson 7: Simplifying Improper Fractions</b> To simplify improper fractions.	<b>Lesson 8: Adding Fractions</b> To add fractions.	<b>Lesson 9: Adding Fractions</b> To add fractions (recording answers as a mixed number).	<b>Lesson 10: Adding Fractions</b> To add fractions (simplest form).
<b>Break for half term (Homework: multiplication tables)</b>				

<b>Spring 2: 29 lessons</b>				
<b>1 Chapter 6: Fractions</b>				
<b>Lesson 11: Subtracting Fractions</b> To subtract fractions.	<b>Lesson 12: Subtracting Fractions</b> To subtract fractions (equivalence).	<b>Lesson 13: Solving Word Problems</b> To solve word problems.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.
<b>2 Recap Year 3, textbook 3B</b>				
<b>Recap year 3 fractions: Ch.11, Lesson 22: Finding Part of a Set</b> To find a fraction of a whole number using pictorial representations, multiplication and concrete objects.	<b>Recap year 3 fractions: Ch.11, Lesson 23: Finding the Fraction of a Number</b> To consolidate finding the fraction of a whole number.	<b>Chapter 6 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON: Revisit formal addition and subtraction</b>	<b>ADDITIONAL LESSON: Revisit formal multiplication</b>
<b>3 Chapter 7: Time</b>				
<b>RECAP LESSON:</b> To pre-teach or practise telling the time from year 2 and 3.	<b>Lesson 1: Telling Time on a 24-Hour Clock</b> To tell the time on a 24-hour clock.	<b>Lesson 2: Changing Time in Minutes to Seconds</b> To convert between minutes and seconds.	<b>Lesson 3: Changing Time in Hours to Minutes</b> To convert between hours and minutes.	<b>Lesson 5: Changing Years to Months and Weeks to Days</b> To convert between units of time.
<b>4 Chapter 7: Time</b>				
<b>Lesson 6: Solving Word Problems (over 2 days)</b> To solve word problems (duration).	<b>Lesson 6: Solving Word Problems (over 2 days)</b>	<b>SPRING TEST: arithmetic</b>	<b>SPRING TEST: reasoning</b>	<b>SPRING TEST: reasoning</b>
<b>5</b>				<b>Chapter 8: Decimals</b>
<b>Revision and Mid-year Tests (A)</b>	<b>Revision and Mid-year Tests (A)</b>	<b>Revision and Mid-year Tests (A)</b>	<b>Revision and Mid-year Tests (A)</b>	<b>Lesson 1: Writing Tenths</b> To record tenths.
<b>6 Chapter 8: Decimals</b>				
<b>Lesson 2: Writing Tenths</b> To record in tenths.	<b>Lesson 3: Writing Hundredths</b> To write hundredths.	<b>Lesson 4: Writing Hundredths</b> To write hundredths.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Easter break</b>
<b>Easter break</b>				

<b>Summer 1: 28 or 29 lessons (check INSET)</b>				
<b>1 Chapter 8: Decimals</b>				
<b>INSET day school: Belleville, Belleville Wix, The Alton</b>	<b>Lesson 5: Dividing by 10 and 100</b> To be able to divide 1-digit and 2-digit numbers by 100.	<b>Lesson 6: Making Number Patterns</b> To create numbers sequences.	<b>Lesson 7: Comparing and Ordering Decimals</b> To compare and order decimal numbers.	<b>Lesson 8: Rounding Decimals</b> To round decimal numbers.
<b>2 Chapter 8: Decimals</b>				
<b>Lesson 9: Writing Fractions as Decimals (Over 2 days)</b> To write fractions as decimal numbers. (focus 0.25, 0.5, 0.75)	<b>Lesson 9: Writing Fractions as Decimals (Over 2 days)</b>	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 8 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON: Revisit formal multiplication and division</b>
<b>3 Chapter 9: Money</b>				
<b>Lesson 1: Writing Amounts of Money</b> To record amounts of money. <i>(Include rounding)</i>	<b>Lesson 2: Writing Amounts of Money</b> To record amounts of money. <i>(Include rounding)</i>	<b>Lesson 3: Comparing Amounts of Money</b> To compare total amounts of money.	<b>Lesson 4: Rounding Amounts of Money</b> To round to the nearest pound (whole number).	<b>Lesson 5: Solving Problems Involving Money</b> To solve money problems (addition and subtraction).
<b>4 Chapter 9: Money</b>				
<b>May Bank holiday</b>	<b>Lesson 6: Solving Problems Involving Money</b> To solve money problems (multiplication).	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 9 review and consolidation</b> To practise various concepts covered in the chapter	<b>Ch.10: Mass, Vol &amp; Lngth</b> <b>Lesson 1: Converting Units of Length</b> To convert units of length. <i>(Include rounding)</i>
<b>5 Chapter 10: Mass, Volume and Length</b>				
<b>Lesson 2: Converting Units of Length</b> To convert units of length. <i>(Include rounding)</i>	<b>Lesson 3: Estimating Length</b> To estimate length.	<b>Lesson 4: Converting Units of Mass</b> To convert mass. <i>(Include rounding)</i>	<b>Lesson 5: Estimating Mass</b> To estimate mass.	<b>Lesson 6: Converting Units of Volume</b> To convert units of volume. <i>(Include rounding)</i>
<b>6 Chapter 10: Mass, Volume and Length</b>				
<b>Lesson 7: Estimating Volume</b> To estimate volume.	<b>Lesson 8: Comparing and Ordering Measures</b> To be able to compare and order measurements.	<b>Chapter 10 review and consolidation</b> To practise various concepts covered in the chapter	<b>Ch.11: Area of Figures</b> <b>Lesson 1: Finding Perimeter</b> To be able to find the perimeter of a polygon.	<b>Lesson 2: Understanding Area</b> To be able to find the area of rectilinear shapes by counting squares.
<b>Break for half term Homework:</b>				

<b>Summer 2: 37 or 38 lessons (check INSET)</b>				
<b>1 Chapter 11: Area of Figures</b>				
<b>INSET day school: Churchfields</b>	<b>Lesson 3: Measuring and Comparing Areas of Figures</b> To be able to find the area of rectilinear shapes by counting squares.	<b>Lesson 4: Measuring and Comparing Areas of Figures</b> To be able to find the area of rectilinear shapes by counting squares and half-squares.	<b>Lesson 5: Comparing Perimeters and Areas of Figures</b> To be able to compare the perimeters and areas of rectilinear shapes.	<b>Lesson 6: Finding Areas of Squares and Rectangles</b> To be able to find the area of rectangles by using multiplication.
<b>2 Ch11: Area</b>				
<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 12: Geometry</b> <b>COMBINED LESSON:</b> <b>Lesson 1: Identifying Types of Angles</b> To identify types of angles. <b>Lesson 2: Comparing Angles</b> To compare angles	<b>Lesson 3: Classifying Triangles</b> To classify triangles.	<b>Lesson 4: Classifying Quadrilaterals</b> To classify quadrilaterals.	<b>Lesson 5: Identifying Symmetrical Figures</b> To identify symmetrical figures.
<b>3 Chapter 12: Geometry</b>				
<b>Lesson 6: Finding Lines of Symmetry</b> To draw lines of symmetry.	<b>ADDITIONAL LESSON: Revisiting formal methods</b> <b>Revisit fractions/decimals</b>	<b>SUMMER TEST: arithmetic</b>	<b>SUMMER TEST: reasoning</b>	<b>SUMMER TEST: reasoning</b>
<b>4 Chapter 12: Geometry</b>				
<b>Lesson 7: Completing Symmetrical Figures</b> To draw symmetrical figures.	<b>Lesson 8: Making Symmetrical Figures</b> To make symmetrical figures.	<b>Lesson 9: Comparing and Classifying Shapes</b> To comparing and classifying shapes.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 12 review and consolidation</b> To practise various concepts covered in the chapter
<b>5</b>				
<b>Chapter 13: Position &amp; Movement</b>				
<b>Chapter 11 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Describing Position</b> To describe position.	<b>Lesson 2: Describing Position</b> To describe position.	<b>Lesson 3: Plotting Points</b> To plot coordinates.	<b>Lesson 4: Describing Translations</b> To describe movements.
<b>6 Chapter 13: Position and Movement</b>			<b>Chapter 14: Roman Numerals</b>	
<b>Lesson 5: Describing Translations</b> To describe movements (coordinates)	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 13 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Writing Roman Numerals for 1 to 20</b> To write Roman numerals (to 20).	<b>Lesson 2: Writing Roman Numerals to 100</b> To write Roman numerals to 100
<b>7 Ch 14: R' Numerals</b>				
<b>Chapter 14 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON: Revisiting formal methods</b>	<b>ADDITIONAL LESSON: Revisiting fractions (including fractions of amounts)</b>	<b>Revision and Mid-year Tests (B)</b>	<b>Revision and Mid-year Tests (B)</b>
<b>8</b>				
<b>Revision and Mid-year Tests (B)</b>	<b>Revision and Mid-year Tests (B)</b>	<b>Revision and Mid-year Tests (B)</b>	<b>Summer break</b>	
<b>Summer break</b>				