

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

Autumn 2: 38 lessons				
1 Chapter 2: Addition and Subtraction (Factual fluency: including \times/\div facts for 3, 4, 8 x tables)				
INSET day Q1E	Lesson 15: Solving Word Problems (over 2 days) To solve word problems (add and subtract).	Lesson 15: Solving Word Problems (over 2 days)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 2 review and consolidation To practise various concepts covered in the chapter
2 Chapter 3: Multiplication and Division				
Lesson 1: Counting in 6, 7 and 9s To multiply by 6, 7 and 9	Lesson 2: Multiplying by 6 To multiply by 6	Lesson 3: Multiplying by 7 To multiply by 7.	Lesson 4: Multiplying by 9 To multiply by 9	Lesson 5: Multiplying by 9 To multiply by 9
3 Chapter 3: Multiplication and Division (Factual fluency: including $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts)				
COMBINED LESSON: Lesson 6: Multiplying by 11 To multiply by 11. Lesson 7: Multiplying by 11 To multiply by 11.	Lesson 8: Multiplying by 12 To multiply by 12.	Lesson 9: Dividing by 6 To divide by 6.	Lesson 10: Dividing by 7 To divide by 7.	Lesson 11: Dividing by 9 To divide by 9.
4 Chapter 3: Multiplication and Division				
Lesson 12: Multiply & Divide by 11 & 12 To multiply & divide by 11 and 12	Lesson 13: Dividing with Remainder To divide with remainders.	AUTUMN TEST: arithmetic	AUTUMN TEST: reasoning	AUTUMN TEST: reasoning
5 Chapter 3: Multiplication and Division				
Lesson 14: Solving Word Problems (over 2 days) To solve word problems involving multiplication and division.	Lesson 14: Solving Word Problems (over 2 days)	Lesson 15: Solving Word Problems (over 2 days, if needed) To solve word problems involving multiplication and division. Use Lesson 18 as deepening	Lesson 15: Solving Word Problems (over 2 days, if needed)	Lesson 17: Solving Word Problems Solve multi-step problems (all possibilities).
6 Ch3: X & divide Chapter 4: Further Multiplication and Division				
Lesson 19: Multiply & Divide by 11 & 12 Solve problems involving scaling & comparison \times & \div Teach method 1 of 'Explore' only	Chapter 3 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Multiplying by 0 & 1 To multiply by 0 & 1.	Lesson 2: Dividing by 1 To divide by 1.	Lesson 3: Multiplying the Same Two Numbers To understand commutativity.
7 Chapter 4: Further Multiplication and Division				
Lesson 4: Multiplying Three Numbers To multiply three numbers.	Lesson 5: Multiplying Multiples of 10 To multiply with multiples of 10.	Lesson 6: Multiplying 2-Digit Numbers To multiply 2-digit numbers without renaming.	Lesson 7: Multiplying 2-Digit Numbers To multiply 2-digit numbers with renaming.	Lesson 8: Multiplying Multiples of 100 To multiply multiples of 100.
8 Chapter 4: Further Multiplication & Division				
Lesson 9: Multiplying 3-Digit Numbers To multiply 3-digit numbers without renaming.	Lesson 10: Multiplying 3-Digit Numbers To multiply 3-digit numbers (renaming).	Lesson 11: Multiplying 3-Digit Numbers To multiply 3-digit numbers	Consolidation (if needed) To be used if lessons take longer than expected or a topic needs to be revisited.	Christmas break
Christmas break (Homework: telling the time)				

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

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

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

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