Year 3 coverage overview 2023-24

Quality First Education Trust

Autumn 1: 33 lessons				
1 Chapter 1: Numbers to 1000				
INSET day Q1E	**INSET day school**	**Lesson 1: Counting in Hundreds** To learn to count in hundreds & understand their place-value. Pupils will also understand how many hundreds are needed to make 1000.	**Lesson 2: Counting in Hundreds, Tens and Ones** To compose and decompose numbers consisting of hundreds, tens and ones.	**Lesson 3: Place Value** To understand the value of each digit in a 3-digit number.
2 Chapter 1: Numbers to 1000 *(Factual fluency: including rounding to the nearest 10)*				
Lesson 4: Comparing and Ordering Numbers To be able to compare and order numbers.	**Lesson 5: Counting in Fifties** To be able to count in fifties. **FF: Counting in 100s**	**Lesson 6: Number Patterns** To recognise, describe and continue a number pattern.	**Lesson 7: Number Patterns** To be able to recognise, describe and complete more complicated number patterns.	**Lesson 8: Counting in Fours and Eights** To be able to count in fours and eights.
3	**Chapter 2: Addition and Subtraction** *(Factual fluency: including number sequences)*			
Chapter 1 review and consolidation To practise various concepts covered in the chapter	**Lesson 1: Addition and Subtraction Facts** To understand commutative law of addition and the corresponding addition and subtraction facts.	**Lesson 2: Adding Ones** To add a 3-digit number to a 1-digit number without renaming.	**Lesson 3: Adding Tens** To be able to add a 3-digit number to multiples of 10 without renaming.	**Lesson 4: Adding Hundreds** To be able to add a 3-digit number to multiples of 100 without renaming.
4 Chapter 2: Addition and Subtraction				
Lesson 5: Simple Adding To be able to add two 3-digit numbers without renaming, using the column method of addition.	**Lesson 6: Adding with Renaming** To be able to add a 3-digit number to ones with renaming.	**Lesson 7: Adding with Renaming** To be able to add a 3-digit number to multiples of 10 with renaming.	**Lesson 8: Adding with Renaming** To be able to add two 3-digit numbers with renaming the ones.	**Lesson 9: Adding with Renaming** To be able to add two 3-digit numbers with renaming the tens.
5 Chapter 2: Addition and Subtraction *(Factual fluency: including multiplication/division facts for 2, 5, 10 x tables)*				
Lesson 10: Adding with Renaming To be able to add two 3-digit numbers with renaming the ones and tens.	**Lesson 11: Subtracting Ones** To be able to subtract ones from a 3-digit number without renaming.	**Lesson 12: Subtracting Tens** To be able to subtract multiples of 10 from a 3-digit number without renaming.	**Lesson 13: Subtracting Hundreds** To be able to subtract multiples of 100 from a 3-digit number without renaming.	**Lesson 14: Simple Subtracting** To be able to subtract two 3-digit numbers without renaming.
6 Chapter 2: Addition and Subtraction				
Lesson 15: Subtracting with Renaming To be able to subtract from a 3-digit number with the renaming of 1 ten into 10 ones.	**Lesson 16: Subtracting with Renaming** To be able to subtract two 3-digit numbers with the renaming of 1 hundred into 10 tens.	**Lesson 17: Subtracting with Renaming** To be able to subtract two 3-digit numbers with renaming.	**Lesson 18: Subtracting with Renaming** To be able to subtract from a multiple of 100 with renaming.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.
7 Chapter 2: Addition and Subtraction *(Factual fluency: including ordering 3-digit numbers)*				
Lesson 19: Using Models To be able to solve word problems using addition and subtraction.	**Lesson 20: Using Models** To be able to solve word problems using addition and subtraction.	**Lesson 21: Using Models** To be able to solve 'more than' and 'fewer than' word problems using addition and subtraction. *(Deepening: Lesson 22)*	**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
Half term break (Homework: consolidation of multiplication tables learnt in year 2: x2, x5, x10s)				

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Autumn 2: 38 lessons

1 Chapter 3: Multiplication and Division   *(Factual fluency: including ½ and ¼ of amounts)*

INSET day Q1E	**Lesson 1: Multiplying by 3** To be able to understand and learn the 3 times table. **Lesson 2: Multiplying by 3** To be able to recall and use the 3 times table. *Recap equal groups in factual fluency/TPL time*	**Combined: Lesson 3: Multiplying by 4** To be able to understand and learn the 4 times table. **Lesson 4: Multiplying by 4** To be able to recall & use the 4 times table. (Make links with x2 & x4 multiplication tables) *Recap equal groups in factual fluency/TPL time*	**Lesson 5: Multiplying by 4 and 8** To be able to recognise the pattern in the 4 and 8 times tables.	**Lesson 6: Multiplying by 8** To be able to recall and use the 8 times table.

2 Chapter 3: Multiplication and Division

Lesson 7: Multiplying by 8 To be able to recall and use the 8 times table.	**Lesson 8: Dividing by 3** To be able to use the 3 times table for division.	**Lesson 9: Dividing by 4** To be able to use the 4 times table for division.	**Lesson 10: Multiplying and Dividing** To be able to understand the relationship between multiplication and division.	**Lesson 11: Dividing by 4 and 8** To divide by 4 and 8.

3 Chapter 3: Multiplication and Division   *(Factual fluency: including reading data from pictograms/basic bar graphs)*

Lesson 12: Solving Word Problems To solve word problems with multiplication.	**Lesson 13: Solving Word Problems (over 2 days)** To solve word problems involving division.	**Lesson 13: Solving Word Problems (over 2 days)**	**Lesson 14 Solving Word Problems (over 2 days)** To be able to solve word problems involving multiplication and division. *(Deepening Lesson 15)*	**Lesson 14 Solving Word Problems (over 2 days)**

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			Chapter 4: Further Multiplication and Division	
AUTUMN TEST: arithmetic	**AUTUMN TEST: reasoning**	**AUTUMN TEST: reasoning**	**Lesson 1: Multiplying 2-Digit Numbers** To multiply multiples of 10 by a 1-digit number.	**Lesson 2: Multiplying 2-Digit Numbers** To multiply any 2-digit number by a 1-digit number.

5 Chapter 4: Further Multiplication and Division

Lesson 3: Multiplying 2-Digit Numbers To multiply more 2-digit numbers.	**Lesson 4: Multiplying 2-Digit Numbers with Renaming** To multiply with renaming.	**Lesson 5: Multiplying with Renaming** To multiply with renaming.	**Consolidation of formal multiplication** To be used if lessons take longer than expected or a topic needs to be revisited.	**Consolidation of formal multiplication using simple word problems** To be used if lessons take longer than expected or a topic needs to be revisited.

6 Chapter 4: Further Multiplication and Division   *(Factual fluency: including reading time – o'clock & ½ past)*

Lesson 6: Dividing 2-Digit Numbers To understand simple division of a 2-digit number by a 1-digit number.	**Lesson 7: Dividing with Renaming** To divide where there is a need to rename.	**Lesson 8: Dividing with Regrouping** To use long division to divide.	**Consolidation of long division** To be used if lessons take longer than expected or a topic needs to be revisited.	**Consolidation of long division using simple word problems** To be used if lessons take longer than expected or a topic needs to be revisited.

7

		Chapter 5: Length		
Lesson 9: Solving Word Problems (over 2 days) To solve word problems involving multiplication.	**Lesson 9: Solving Word Problems (over 2 days)**	**Lesson 1: Writing Length in Metres and Centimetres** To use metres and centimetres to measure objects.	**Lesson 2: Writing Length in Centimetres** To write length in centimetres only by converting metres to centimetres.	**Lesson 3: Writing Length in Centimetres and Millimetres** To be able to read and write length in centimetres and millimetres.

8 Chapter 5: Length   *(Factual fluency: including reading time – ½ past, ¼ past/to)*

Lesson 4: Writing Length in Millimetres To be able to read and write length in millimetres.	**Lesson 5: Comparing Length** To compare two lengths.	**Lesson 6: Solving Word Problems** To solve measurement-related word problems.	**Lesson 7: Solving Word Problems** To solve measurement-related word problems	**Christmas break**

Christmas break (Homework: telling the time)

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Spring 1: 24 lessons				
1 Chapter 5: Length				**Chapter 6: Mass**
INSET day school	**ADDITIONAL LESSON: Multiplication and/or division** word problems using involving length	**ADDITIONAL LESSON: Multiplication and/or division** word problems using involving length	**Chapter 5 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Reading Weighing Scales** To measure mass using weighing scales and compare the mass of objects using grams and kilograms.
2 Chapter 6: Mass				
Lesson 2: Reading Weighing Scales To use weighing scales to measure mass when the mass is between multiples of 100 g.	**Lesson 3: Reading Weighing Scales** To read values on a scale which are 1 kg or more.	**Lesson 5: Solving Word Problems** To solve word problems relating to mass with addition and subtraction.	**Lesson 6: Solving Word Problems** To solve word problems relating to mass using multiplication.	**Lesson 7: Solving Word Problems (over 2 days)** To solve word problems relating to mass using division.
3				
Lesson 7: Solving Word Problems (over 2 days)	**Chapter 6 review and consolidation** To practise various concepts covered in the chapter	**Revision and Mid-year Tests (A)**	**Revision and Mid-year Tests (A)**	**Revision and Mid-year Tests (A)**
4 Chapter 7: Volume				
Revision and Mid-year Tests (A)	**Lesson 1: Measuring Volume in Millilitres** To measure volume in millilitres.	**Lesson 2: Measuring Capacity in Millilitres** To measure capacity in millilitres.	**Lesson 3: Measuring Volume in Millilitres and Litres** To measure volume using millilitres and litres.	**Lesson 5: Writing Volume in Litres and Millilitres** To measure volume using millilitres and litres in comparison to 1 l.
5 Chapter 7: Volume				**Chapter 8: Money**
Lesson 6: Writing Capacity in Litres and Millilitres To measure larger capacity in litres and millilitres.	**Lesson 7: Solving Word Problems** To solve basic word problems related to volume.	**Lesson 8: Solving Word Problems** To solve more word problems.	**Chapter 7 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Counting Amounts of Money** To be able to find a total amount of money by counting on.
Break for half term				

Year 3 coverage overview 2023-24

Spring 2: 29 lessons				
1 Chapter 8: Money				
Lesson 2: Showing Amounts of Money To be able to show amounts of money using different combinations of coins.	**Lesson 3 : Adding Money** To be able to add pounds and pence without renaming.	**Lesson 4 : Adding Money** To be able to add pounds and pence with renaming.	**Lesson 5: Subtracting Money** To be able to subtract pounds and pence without renaming.	**Lesson 6 : Subtracting Money** To be able to subtract pounds and pence with renaming.
2 Chapter 8: Money				
Lesson 7 : Subtracting Money To be able to compare amounts of money and find the difference by subtracting.	**Lesson 8: Calculating Change** To be able to find the amount of change left from a given amount of money after a purchase.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 9: Solving word Problems (over 2 days)** To be able to solve word problems involving addition and subtraction of money.	**Lesson 9: Solving word Problems (over 2 days)**
3 Chapter 9: Telling the Time				
Chapter 8 review and consolidation To practise various concepts covered in the chapter	**ADDITIONAL LESSON:** Recap reading time to 5 minutes.	**SPRING TEST: arithmetic**	**SPRING TEST: reasoning**	**SPRING TEST: reasoning**
4 Chapter 9: Telling the Time				
Lesson 1: Telling the Time To be able to tell time using a.m./p.m.	**Lesson 2: Telling the Time** To be able to tell time to the minute.	**Lesson 4: Telling the Time (over 2 days)** To be able to tell time to the minute using vocabulary, such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.	**Lesson 4: Telling the Time (over 2 days)**	**Lesson 5: Telling the Time (over 2 days)** To be able to tell and write the time from 12-hour and 24-hour clocks.
5 Chapter 9: Telling the Time				
Lesson 5: Telling the Time (over 2 days)	**Lesson 6: Telling the Time** To be able to tell the time on an analogue clock using Roman numerals.	**Lesson 8: Measuring and Comparing Time in Seconds** To be able to measure and compare time in seconds using a stopwatch.	**Lesson 9: Measuring and Comparing Time in Seconds** To be able to measure and compare time in seconds using an analogue clock.	**Lesson 10: Finding Durations in Minutes (over 2 days)** To be able to find durations of time in minutes.
6 Chapter 9: Telling the Time				
Lesson 10: Finding Durations in Minutes (over 2 days)	**Lesson 11: Finding Start and End Times** To be able to find start or end times for events given the duration in minutes.	**Lesson 12: Finding Durations in Hours** To be able to find durations of events in hours.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Easter break**
Easter break				

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1   Chapter 9: Telling the Time

INSET day school: Belleville, Belleville Wix, The Alton	**Lesson 13: Finding Start and End Times** To be able to find start or end times for events given the duration in hours.	**Lesson 14: Converting Minutes to Seconds** To be able to convert minutes into seconds.	**Lesson 15: Converting Seconds to Minutes** T To be able to convert seconds into minutes.	**Lesson 16: Finding Number of Days** To be able to find the number of days in each month, year and leap year.

2 Chapter 10: Pictograms and Bar Graphs

Chapter 9 review and consolidation To practise various concepts covered in the chapter	**Lesson 1: Drawing Pictograms** To be able to present data using pictograms.	**Lesson 2: Drawing Bar Graphs** To be able to present data using bar graphs.	**Lesson 3: Reading Bar Graphs** To be able to interpret data presented in a bar graph.	**Lesson 4: Reading Bar Graphs** To be able to interpret data presented in scaled bar graphs.

3   Chapter 11: Fractions

Chapter 10 review and consolidation To practise various concepts covered in the chapter	**Lesson 1: Counting in Tenths** To be able to count in tenths.	**Lesson 2: Fractions as Division** To be able to relate fractions to division.	**Lesson 3: Finding part of a Set** To be able to recognise, find and write fractions of a discrete set of objects.	**Lesson 4: Finding Part of a Set (over 2 days)** To be able to recognise, find and write fractions of a discrete set of objects.

4   Chapter 11: Fractions

May Bank holiday	**Lesson 4: Finding Part of a Set (over 2 days)**	**Lesson 5: Finding Equivalent Fractions over 2 days** To be able to recognise and show equivalent fractions.	**Lesson 6: Finding Equivalent Fractions** To be able to find equivalent fractions.	**Consolidation of equivalent fractions** To be used if lessons take longer than expected or a topic needs to be revisited.

5   Chapter 11: Fractions

Lesson 7: Comparing and Ordering Fractions To be able to compare and order fractions with the same denominator.	**Lesson 8: Comparing and Ordering Fractions** To be able to compare and order unit fractions.	**Lesson 9: Comparing and Ordering fractions** To be able to compare and order fractions with different denominators.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 10: Adding Fractions** To be able to add fractions with the same denominator within 1 whole.

6   Chapter 11: Fractions

Lesson 11: Subtracting Fractions To be able to subtract fractions with the same denominator within 1 whole.	**Lesson 12: Subtracting Fractions From 1** To be able to subtract a fraction from 1 whole.	**Lesson 13: Solving Word Problems** To be able to solve word problems involving fractions and measurements.	**Consolidate formal methods**	**Consolidate formal methods**

Break for half term Homework:

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Summer 2: 37 or 38 lessons (check INSET)				
1 Chapter 11: Fractions				
INSET day school: Churchfields	**Consolidation of fractions**	**Lesson 14: Solving word Problems (over 2 days)** To be able to solve word problems involving addition and subtraction of fractions with the same denominator.	**Lesson 14: Solving word Problems (over 2 days)**	**Chapter 11 review and consolidation** To practise various concepts covered in the chapter
2 Chapter 12: Angles				
Lesson 1: Making Angles To be able to identify angles and recognise them as a description of a turn.	**Lesson 2: Finding Right Angles** To be able to identify right angles.	**Lesson 3: Finding Different Angles** To be able to recognise angles as a property of shape.	**SUMMER TEST: arithmetic**	**SUMMER TEST: reasoning**
3 **Chapter 12: Angles**			**Ch.13: Lines & Shapes**	
SUMMER TEST: reasoning	**Lesson 4: Finding Angles in Shapes** To be able to recognise angles as a property of shape.	**Lesson 5: Comparing Angles** To be able to identify right, obtuse and acute angles.	**Chapter 12 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Identifying Perpendicular Lines** To be able to identify perpendicular lines.
4 Chapter 13: Lines and Shapes				
Lesson 2: Identifying Parallel Lines To be able to identify parallel lines.	**Lesson 3: Finding Vertical and Horizontal Lines** To be able to identify horizontal and vertical lines.	**Lesson 4: Drawing Two-Dimensional Shapes** To be able to draw 2D shapes.	**Lesson 5: Describing Three-Dimensional Shapes** To be able to describe 3D shapes.	**Chapter 13 review and consolidation** To practise various concepts covered in the chapter
5 Chapter 14: Perimeter of Figures				
ADDITIONAL LESSON: Revisit formal methods for 4-operations	**Lesson 1: Measuring Total Length Around a Shape** To be able to measure the total length of 2D shapes.	**Lesson 2: Measuring Perimeter** To be able to measure the perimeter of 2D shapes.	**Lesson 3: Measuring Perimeter** To be able to measure the perimeter of 2D shapes.	**Lesson 4: Measuring Perimeter** To be able to measure the perimeter of 2D shapes.
6 Chapter 14: Perimeter of Figures				
Lesson 5: Measuring Perimeter To be able to measure the perimeter of 2D shapes.	**Lesson 6: Calculating Perimeter** To be able to calculate the perimeter of 2D shapes.	**Lesson 7: Calculating Perimeter** To be able to measure the perimeter of 2D shapes.	**Lesson 8: Calculating Perimeter** To be able to solve problems about perimeter.	**Chapter 14 review and consolidation** To practise various concepts covered in the chapter
7				
Revision and Mid-year Tests (B)	**Revision and Mid-year Tests (B)**	**Revision and Mid-year Tests (B)**	**Revision and Mid-year Tests (B)**	**Revision and Mid-year Tests (B)**
8				
Revision and Mid-year Tests (B)	**Revision and Mid-year Tests (B)**	**Revision and Mid-year Tests (B)**	**Summer break**	
Summer break				