Year 5 bilingual coverage overview 2023-24

Quality First Education Trust

Autumn: 41 lessons

Week 2   Chapter 1: Numbers to 1 000 000

Lesson 1: Reading & Writing Numbers to 100 000 To read and represent numbers to 100 000.	Lesson 2: Reading & Writing Numbers to 1 000 000 To read and represent numbers to 1 000 000.	Lesson 3: Reading & Writing Numbers to 1 000 000 To read and represent numbers to 1 000 000 using number discs.	Lesson 4: Comparing Numbers to 1 000 000 To compare numbers to 1 000 000 using place value.	Lesson 5: Comparing Numbers to 1 000 000 To compare numbers to 1 000 000 using place value.	Lesson 6: Comparing Numbers to 1 000 000 To compare numbers to 1 000 000 with pictorial and proportionality.

Week 4   Chapter 1: Numbers to 1 000 000   *(FF: including rounding to the nearest 10, 100, 1000)*

Lesson 7: Comparing Numbers to 1 000 000 To compare numbers to 1million from pictorial, using lists & number lines.	Lesson 8: Making Number Patterns To make & find patterns in numbers using place value.	Lesson 9: Making Number Patterns To make number patterns that decrease in multiples of 10 000 or 100 000.	Lesson 11 Rounding Numbers to the Nearest 10 000 To round numbers to nearest 10 000 with number lines & bar graphs. *NB: follow up/ embed with factual fluency*	Lesson 12: Rounding Numbers To round numbers to the nearest 100, 1000, 10 000 and 100 000 using number lines.	Chapter 1 review and consolidation To practise various concepts covered in the chapter. *Set up expectations so future reviews can be completed during guided reading time.*

Week 6   Chapter 2: Addition & Subtraction   *(Factual fluency: including x/÷ by 10, 100, 1000)*

Lesson 2: Counting Backwards to Subtract To subtract using the counting backwards strategy with concrete.	Lesson 3: Adding within 1 000 000 To add numbers within 1 000 000 using rounding and concrete materials.	Lesson 4: Adding and Subtracting within 1 000 000 To use add & subtract to solve comparison problems	Lesson 5: Adding within 1 000 000 To add numbers within 1 000 000 using the column method of addition.	Lesson 6: Subtracting within 1 000 000 To subtract using the column method, number bonds & number discs	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*

Half term break

Week 1   Chapter 2: Addition & Subtraction   *(Factual fluency: including inverse operations)*

INSET day	Lesson 7: Subtracting within 1 000 000 To subtract using the column method and number discs using numbers to 1 000 000.	Lesson 8: Subtracting within 1 000 000 To subtract numbers to 100000 using the column method and number discs using numbers to 1000000	Lesson 9: Adding and Subtracting within 1 000 000 To use addition and subtraction to solve comparison problems with numbers to 1000000 *NB: language emphasis - sum, difference, total*	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*	Lesson 1: Finding Multiples To consolidate and review multiplication; to find the result of multiplying by a number.

Week 3   Chapter 3: Multiplication and Division   *(complete Chapter 2 review guided reading)*

Lesson 2: Finding Factors To consolidate and review multiplication; to find the numbers we can multiply by to get a number.	Lesson 3: Finding Common Factors To define and find common factors of numbers to 100.	Lesson 4: Finding Prime Numbers To identify & name the prime numbers; to recognise prime numbers as numbers that only have 2 factors.	Lesson 5: Finding Prime Numbers and Composite Numbers To define and determine prime numbers and composite numbers.	Lesson 6: Finding Square and Cube Numbers To create and determine square and cube numbers.	Lesson 7: Multiplying by 10, 100 and 1000 To multiply 1- and 2-digit numbers by 10, 100 and 1000.

Week 5   Chapter 3: Multiplication and Division   *(Factual fluency: including number sequences)*

Lesson 8: Multiply 2-Digit & 3-Digit Numbers by 1 Digit To multiply 2- & 3-digit numbers by a 1-digit number using multiple strategies.	Lesson 9: Multiplying 4-Digit Numbers To multiply 4-digit numbers by single-digit numbers.	Lesson 10: Multiplying 4-Digit Number To multiply 4-digit by single-digit with regrouping, using a variety of strategies.	Autumn test paper: arithmetic	Autumn test paper: reasoning 1	Autumn test paper: reasoning 2

Week 7   Chapter 3: Multiplication and Division   *(Factual fluency: including multiples and factors)*

Lesson 12: Multiplying a 2-Digit Number by a 2-Digit Number To multiply 2-digit by 2-digit using multiple methods.	Lesson 13: Multiply 2-Digit by a 2-Digit Number To multiply 2-digit by 2-digit using multiple methods, incl.grid method, no bonds & column method, with regrouping.	Lesson 14: Multiplying a 3-Digit by a 2-Digit Number To multiply a 3-digit number by a 2-digit number, using the grid method and column method as key strategies.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*	Lesson 16: Dividing by 10, 100 and 1000 To find thousands, hundreds and tens in a 4-digit number using concrete materials.	Lesson 17: Dividing 3-Digit and 4-Digit Numbers To divide 3- and 4-digit numbers by 1-digit numbers using number bonds and long division as the key methods.

Christmas Holiday

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Spring: 34 lessons *(Chapter 6: Lessons 1 to 5 to be completed by French teacher)*					
Week 1 Chapter 3: Multiplication & Division *(FF: incl. round'g to near 100, 1000, etc)*				Chapter 5: Graphs	
INSET day	**Lesson 18: Dividing 4-Digit Numbers** To divide 4-digit numbers by single-digit numbers, using number bonds and long division are the key strategies.	**Lesson 19: Dividing with Remainder** To divide 3-digit numbers by 1-digit numbers: long division, short division & mental methods w' remainders.	**Consolidation day:** To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*	**Lesson 1: Reading Tables** To read the information presented in a table and interpret its meaning.	**Lesson 2: Reading Tables** To read and respond to information presented in a table.
Week 3 Ch 5: Graphs *(Ch 3 review in guided reading)*			Chapter 6: Fractions *FF: incl. convert simple equiv. fractions)*		
Lesson 4: Reading Line Graphs To read & interpret information provided in a line graph where a single line represents data.	**Lesson 5: Reading Line Graphs** To read & interpret the information presented in a line graph where the data is represented by more than 1 line.	**ADDITIONAL LESSON:** Recap Yr 3 Fractions: Bk 3B, Ch 11, Lesson 23: **Finding the Fraction of a Number** To consolidate finding the fraction of a whole number	**Lesson 6: Compare and Ordering Fractions** To compare mixed nos. using pictorial; to find common denominators where one fraction is already common denominator for all.	**Lesson 7: Making Number Pairs** To make number pairs (number bonds) with fractions with different denominators.	**Lesson 8: Adding Fractions** To add unlike fractions by finding a common denominator using pictorial methods.
Week 5 Chapter 6: Fractions *(Complete Ch 5 review during guided reading)* *(FF: incl. properties of 2D and 3D shapes)*					
Combined Lesson: Lesson 9: Adding Fractions To add unlike fractions by finding common denominator using pictorial methods. **Lesson 10: Adding Fractions** To add together unlike fractions where the sum is greater than 1, creating mixed numbers or improper fractions.	**Lesson 11: Adding Fractions** To add unlike fractions which create improper fractions and mixed numbers that give rise to simplification.	**Lesson 12: Subtracting Fractions** To subtract fractions with different denominators; to subtract fractions from whole numbers.	**Lesson 13: Subtracting Fractions** To subtract fractions with denominators not the same; to use bar models for subtracting fractions.	**Lesson 14: Subtracting Fractions** To subtract fractions and mixed numbers from mixed numbers with different denominators.	**Lesson 15: Multiplying Fractions by Whole Numbers by Proper Fractions** To multiply fractions by whole numbers creating other fractions, mixed numbers or improper fractions.
Half term break					
Week 2 Chapter 6 : Fractions		Chapter 7: Decimals *(Complete Chapter 6 review during guided reading)*			
Lesson 16: Multiplying Proper Fractions and Whole Numbers To multiply fractions by whole numbers where the product is an improper fraction or mixed number.	**Lesson 17: Multiplying Mixed Numbers and Whole Numbers** To multiply mixed numbers by whole numbers, creating larger mixed numbers. *Could use L18 worksheet as deepening.*	**Combined Lesson: Lesson 2 and 3: Reading and Writing Decimals** To read and write decimals.	**Lesson 4: Comparing Decimals** To compare tenths and hundredths written as decimals.	**Combined Lesson: Lesson 5 and 6: Comparing Decimals** To order and compare decimals. To compare & order decimals of amounts.	**Lesson 7: Writing Fractions as Decimals** To write fractions as decimals.
Week 4 Chapter 7: Decimals *(Factual fluency: including basic fractions of amounts)*					
Combined Lesson: Lesson 8 and 9: Adding and Subtracting Decimals To add & subtract decimals amounts. To add & subtract decimals using £ & pence.	**Lesson 11: Adding and Subtracting Decimals** To add and subtract decimals using pounds and pence.	**Lesson 13: Adding and Subtracting Decimals** To add and subtract decimals. To find number pairs that add to 1.	**Nfer Spring paper**	**Nfer Spring paper**	**Nfer Spring paper**
Week 6 Chapter 7: Decimals			Chapter 8: Percentages *(Factual fluency: rounding to 1DP)*		
Lesson 14: Adding and Subtracting Decimals To add & subtract the perimeter of an object using decimals.	**Lesson 15: Rounding Decimals** To round decimals to the nearest whole number. To round numbers to the nearest tenth.	**Consolidation day:** To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*	**Lesson 1: Comparing Quantities** To compare quantities; fractions, decimals & percentages. To convert fractions to decimals & %	**Lesson 2: Finding Percentages** To convert values of an amount into percentages. To convert fractions into percentages.	**Easter break**
Easter Holiday					

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Summer: 39 lessons *(French teacher to teach concepts from Chapter 9: Geometry, Lesson 7 onwards)*					
Week 2 Ch 8	**Ch 9: Geometry** *(Complete Ch 7 review during guided reading)* *(FF: incl. 10%/1% of simple amounts)*				
Lesson 3: Finding Percentages To convert values of an amount into percentages. To convert fractions into percentages.	**Lesson 1: Knowing Types of Angles** To know the names and qualities of acute, right, obtuse and reflex angles.	**Lesson 2: Measuring Angles** To measure angles using a protractor.	**Lesson 3: Measuring Angles** To draw, measure and add angles using a protractor.	**Lesson 4: Investigating Angles on a Line** To measure angles using a protractor. To identify two angles which add up to 180° on a straight line.	**Lesson 5: Investigating Angles at a Point** To investigate angles that, when combined, make 360°.
Week 4 Ch 9: Geometry *(Ch 8 review in guided reading)*			**Chapter 10: Position and Movement**		
Bank Holiday	**Lesson 6: Drawing Angles** To draw angles using a protractor.	**Consolidation day:** To be used if lessons take longer than expected or a topic needs to be revisited. *If needed.*	**Lesson 1: Naming and Plotting Points** To name and plot points.	**Lesson 2: Describing Translations** To describe the position of a shape following a translation.	**Lesson 3: Describing Movements** To describe movements and reflecting shapes.
Week 6 Chapter 11: Measurements *(Complete Chapter 9 review during guided reading)* *(FF: incl. equivalent fractions)*					
Lesson 4: Describing Movements To describe the movement of a 2-D shape when reflected.	**Combined lesson: Lesson 1:Converting Units of Length** To convert units of length. **Lesson 2:Converting Units of Length** To convert units of length, including centimetres and metres.	**Lesson 3: Converting Units of Length** To convert units of length.	**Lesson 4 : Converting Units of Length** To solve problems by converting units of length.	**Combined lesson: Lesson 5:Converting Units of Mass** To convert units of mass. **Lesson 6:Converting Units of Mass** To convert units of mass, including grams into kilograms.	**Lesson 7:Converting Units of Mass** To convert units of mass.
Half term break Homework (if possible):					
Week 2 Ch 11: Measurements *(FF: fraction of amounts)*			**Chapter 13: Volume** *(FF: including reading co-ordinates)*		
Lesson 8:Converting Units of Mass To convert units of mass, including kilograms and pounds.	**Combined Lessons: Lesson 9: Converting Units of Time** To convert units of time. **Lesson 11: Converting Units of Time** To convert units of time.	**Lesson 14: Telling the Temperature** To read the temperature on a thermometer.	**Lesson 1: Understanding the Volume of Solids** To understand the volume of solids.	**Lesson 3: Finding the Volume of Solids** To find the volume of solids.	**Lesson 4: Finding the Capacity of Rectangular Boxes** To find the capacity of a cuboid.
Week 4 Chapter 13: Volume *(Complete Chapter 11 review during guided reading)* *(FF: incl. fractions of amounts)*					
Lesson 6:Converting Units of Volume To compare and convert units of volume.	**Lesson 7:Converting Units of Volume** To convert units of volume (metric and imperial).	*Catch up or consolidation, according to class needs* Revisit add/subtract fractions different denominators, incl. word problems & simplifying	**Nfer summer test: arithmetic**	**Nfer summer test: reasoning**	**Nfer summer test: reasoning**
Week 6 Chapter 12: Area and Perimeter *(Perimeter taught by French colleague Spring term, use L.1 as a recap if needed)*			**Chapter 14:Roman Numerals**		**Ch 4: (if needed)**
If needed. **Lesson 1: Finding the Perimeter** To find the perimeter of shapes.	**Combined Lessons: Lesson 6: Measuring Area** To measure area of squares. **Lesson 7: Measuring Area** To measure area of shape.	**Lesson 8 :Measuring the Area** To measure area in square metres.	**Lesson 1: Writing Roman Numerals to 1000** To write Roman numerals to 1000.	**Lesson 2: Writing Years in Roman Numerals** To write numbers in their thousands in Roman numerals.	**Lesson 1: Solving Word Problems using Division and Multiplication** To solve word probs (multiple operatn); identify operation to carry out plan.
Week 8 Test, review and remediate					
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**	**Revision and Mid-year Tests (B)** **Review and Remediation**	**Summer break**	
Summer Holiday					