Year 4 coverage overview

Quality First Education Trust

Autumn 1: 38 lessons				
1 Chapter 1: Numbers to 10 000				
INSET day	INSET day	**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				
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).	**ADDITIONAL LESSON: Introduction to rounding** Use counting sticks with post-it number labels for partners to make physical number lines to then round a variety of amounts to the nearest 10 and 100.	**Lesson 10: Rounding Numbers** To round numbers to the nearest 1000.	**Lesson 11: Rounding Numbers over 2 days** To round numbers to the nearest 10, 100 and 1000.	**Lesson 11: Rounding Numbers over 2 days**
4 Chapter 1: Numbers to 10 000				
Lesson 12: Rounding Numbers to Estimate To round numbers to estimate.	**Lesson 13: Rounding Numbers to Estimate** To round numbers to estimate.	**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**
5 Chapter 2: Addition and Subtraction				
Lesson 1: Finding Totals and Sums To find totals and sums.	**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).
6 Chapter 2: Addition and Subtraction				
Lesson 6: Adding Using Mental Strategies To add using mental strategies (making tens, hundreds and thousands).	**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).
7 Chapter 2: Addition and Subtraction				
Lesson 11: Subtracting with Renaming To subtract with renaming (in H, T & O).	**Lesson 12: Subtracting with Renaming** To subtract with renaming (in H, T & O).	**Consolidation 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**
8 Ch. 2: Addition & Subtraction			**Chapter 3: Multiplication and Division**	
Lesson 15: Solving Word Problems over 2 days To solve word problems (add and subtract).	**Lesson 15: Solving Word Problems (over 2 days)**	**Chapter 2 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Counting in 6, 7 and 9s** To multiply by 6, 7 and 9	**Lesson 2: Multiplying by 6** To multiply by 6
Half term break (Homework: x2,x3,x4,x5,x8,x10 tables)				

Year 4 coverage overview

Autumn 2: 34 lessons

1 Chapter 3: Multiplication and Division

INSET day	Lesson 3: Multiplying by 7 To multiply by 7.	COMBINED LESSON: Lesson 4 & 5: Multiplying by 9 To multiply by 9	COMBINED LESSON: Lesson 6 & 7: Multiplying by 11 To multiply by 11.	Lesson 8: Multiplying by 12 To multiply by 12.

2 Chapter 3: Multiplication and Division

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.	Lesson 12: Multiply & Divide by 11 & 12 To multiply & divide by 11 and 12	Lesson 13: Dividing with Remainder To divide with remainders.

3 Chapter 3: Multiplication and Division

Lesson 14: Solving Word Problems <u>over 2 days</u> To solve word problems involving multiplication and division.	Lesson 14: Solving Word Problems <u>over 2 days</u>	Lesson 15: Solving Word Problems <u>over 2 days, if needed</u> To solve word problems involving multiplication and division.	Lesson 15: Solving Word Problems <u>over 2 days, if needed</u>	Lesson 17: Solving Word Problems Solve multi-step problems (all possibilities).

4 Chapter 3: Multiplication and Division

Lesson 19: Solving Word Problems Solve problems involving scaling & comparison x & ÷ <u>*Teach method 1 of 'Explore 'only*</u>	Chapter 3 review and consolidation To practise various concepts covered in the chapter	AUTUMN TEST *(according to school timetable)*	AUTUMN TEST *(according to school timetable)*	AUTUMN TEST *(according to school timetable)*

5 Chapter 4: Further Multiplication and Division

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.	Lesson 4: Multiplying Three Numbers To multiply three numbers.	Lesson 5: Multiplying Multiples of 10 To multiply with multiples of 10.

6 Chapter 4: Further Multiplication and Division

Lesson 6: Multiplying 2-Digit Numbers To multiply 2-digit numbers without renaming.	Lesson 7: Multiplying 2-Digit Numbers with Renaming To multiply 2-digit numbers with renaming.	Lesson 8: Multiplying Multiples of 100 To multiply multiples of 100.	Lesson 9: Multiplying 3-Digit Numbers To multiply 3-digit numbers without renaming.	Lesson 10: Multiplying 3-Digit Numbers with Renaming To multiply 3-digit numbers.

7 Chapter 4: Further Multiplication & Division

Lesson 11: Multiplying 3-Digit Numbers with Renaming To multiply 3-digit numbers	Consolidation *(of multiplication)* To be used if lessons take longer than expected or a topic needs to be revisited.	RECAP LESSON: pre-teaching of division: Revisit year 3 division methods and link with year 4 division. ** Useful link to share with the children below*	Lesson 12: Dividing 2-Digit Numbers To divide 2-digit numbers	Lesson 13: Dividing 3-Digit Numbers To divide 3-digit numbers.

Christmas holiday break (Homework: telling the time to o'clock, ½ past, ¼ past/to)

*Teaching 'bus stop' method for division:

https://www.google.com/search?q=teaching+formal+division+with+counters&rlz=1C1GCEB_enGB858GB869&oq=teaching+formal+division+with+counters&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQIRigAdIBCjIwMjI2ajBqMTWoAgiwAgHxBbl96z8ygpMT&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:b5b3f8b6,vid:4EcMON3F1yE,st:0

Year 4 coverage overview

Spring 1: 29 lessons				
1 Chapter 4: Further Multiplication & Division				
INSET day	**Lesson 14: Dividing 2-Digit Numbers with remainders.** Divide 2-digit numbers	**Lesson 15: Dividing 3-Digit Numbers** Divide 3-digit numbers.	**Lesson 16: Dividing 3-Digit Numbers** Divide 3-digit numbers with remainders.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.
2 Chapter 4: Further Multiplication & Division		**Chapter 5: Graphs**		
ADDITIONAL LESSON: One step word problems 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.	**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.
3 Chapter 5: Graphs				**Chapter 6: Fractions**
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	**Consolidation Revisit formal addition and subtraction of 3-digit numbers with renaming** To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 1: Counting in Hundredths** To count in hundredths.
4 Chapter 6: Fractions				
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).	**Lesson 6: Simplifying Mixed Numbers** To simplify mixed number fractions.
5 Chapter 6: 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).	**Lesson 11: Subtracting Fractions** To subtract fractions.
6 Chapter 6: Fractions				
Lesson 12: Subtracting Fractions To subtract fractions (equivalence).	**Lesson 13: Solving Word Problems** To solve word problems.	**Recap year 3 fractions: Ch.11, Lesson 22: Finding Part of a Set (old book)** 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 (old book)** To consolidate finding the fraction of a whole number.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.
Break for half term (Homework: all year 4 times tables; telling the time to nearest 5 minutes)				

Year 4 coverage overview

Spring 2: 25 lessons				
1 Chapter 6: Fractions				**Recap Yr 3, textbk 3B**
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	**Chapter 6 review and consolidation** To practise various concepts covered in the chapter	**ADDITIONAL LESSON: Revisit formal 4-operations**	**ADDITIONAL LESSON: Revisit formal multiplication and division.**	**RECAP LESSON:** To pre-teach or practise telling the time from year 2 and 3.
2 Chapter 7: Time				
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.	**Lesson 6: Solving Word Problems over 2 days** To solve word problems (duration).
3 Chapter 7: Time				
Lesson 6: Solving Word Problems over 2 days	**SPRING TEST** *(according to school timetable)*	**SPRING TEST** *(according to school timetable)*	**SPRING TEST** *(according to school timetable)*	**Revision and Mid-year Tests (A)**
4 Review and recap			**Chapter 8: Decimals**	
Revision and Mid-year Tests (A)	**Revision and Mid-year Tests (A)**	**Revision and Mid-year Tests (A)**	**Lesson 1: Writing Tenths** To record tenths.	**Lesson 2: Writing Tenths** To record in tenths.
5 Chapter 8: Decimals				
Lesson 3: Writing Hundredths To write hundredths.	**Lesson 4: Writing Hundredths** To write hundredths.	**Lesson 5: Dividing by 10 and 100 over 2 days** To be able to divide 1-digit and 2-digit numbers by 100.	**Lesson 5: Dividing by 10 and 100 over 2 days**	**Lesson 6: Making Number Patterns** To create numbers sequences.
Easter holiday break (Homework: all multiplication tables)				

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Summer 1: 28 lessons				
1 Chapter 8: Decimals				
INSET DAY	**Lesson 7: Comparing and Ordering Decimals** To compare and order decimal numbers.	**Lesson 8: Rounding Decimals** To round decimal numbers.	**Lesson 9: Writing Fractions as Decimals (Over 2 days)**	**Lesson 9: Writing Fractions as Decimals (Over 2 days)**
2 Chapter 8: Decimals				**Chapter 9: Money**
ADDITIONAL LESSON: To write fractions as decimal numbers. Focusing on 0.25, 0.5, 0.75	**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**	**Lesson 1: Writing Amounts of Money** To record amounts of money. *(Include rounding)*
3 Chapter Chapter 9: Money				
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).	**Lesson 6: Solving Problems Involving Money** To solve money problems (multiplication).
4 Chapter 10: Mass, Volume & Length				
May bank holiday	**Chapter 9 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Converting Units of Length** To convert units of length. *(Include rounding where possible)*	**Lesson 2: Converting Units of Length** To convert units of length. *(Include rounding where possible)*	**Lesson 3: Estimating Length** To estimate length.
5 Chapter 10: Mass, Volume and 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)*	**Lesson 7: Estimating Volume** To estimate volume.	**Lesson 8: Comparing and Ordering Measures** To be able to compare and order measurements.
6 Chapter 10: Mass, Volume and Length		**Chapter.11: Area of Figures**		
Chapter 10 review and consolidation To practise various concepts covered in the chapter	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited. **Use to revisit formal multiplication and division methods**	**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.	**Lesson 3: Measuring and Comparing Areas of Figures** To be able to find the area of rectilinear shapes by counting squares.
Break for half term				

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Summer 2: 35 lessons				
1 Chapter 11: Area of Figures				
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.	**Consolidation of formal methods for 4-operations** To be used if lessons take longer than expected or a topic needs to be revisited.	**ADDITIONAL LESSON: Consolidation of formal division (bus stop)**
2 Chapter 12: Geometry				
Lesson 1: Identifying Types of Angles To identify types of angles. *(Recap year 3 right angles)*	**Lesson 2: Comparing Angles** To compare 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.	**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.	**Chapter 12 review and consolidation** To practise various concepts covered in the chapter
4 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.
5		**Chapter 14: Roman Numerals**		
Lesson 5: Describing Translations To describe movements (coordinates)	**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	**Chapter 14 review and consolidation** To practise various concepts covered in the chapter
6				
ADDITIONAL LESSON: Revisiting formal methods	**ADDITIONAL LESSON: Revisiting fractions (including fractions of amounts)**	**SUMMER TEST** *(according to school timetable)*	**SUMMER TEST** *(according to school timetable)*	**SUMMER TEST** *(according to school timetable)*
7 Review and recap				
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)**
Summer holiday break				