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).	**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				**Ch 2: Add & Subtract**
Consolidation 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**	**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				
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_**	**Lesson 15: Solving Word Problems _over 2 days_** To solve word problems (add and subtract).
8 Ch. 2: Addition & Subtraction			**Chapter 3: Multiplication and Division**	
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	**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

Quality First Education Trust

Autumn 2: 34 lessons				
1 Chapter 3: Multiplication and Division				
INSET day	**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	**COMBINED LESSON: Lesson 6: Multiplying by 11** To multiply by 11. **Lesson 7: Multiplying by 11** To multiply by 11.
2 Chapter 3: Multiplication and Division				
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.	**Lesson 12: Multiply & Divide by 11 & 12** To multiply & divide by 11 and 12
3 Chapter 3: Multiplication and Division				
Lesson 13: Dividing with Remainder To divide with remainders.	**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>**
4 Chapter 3: Multiplication and Division				
Lesson 17: Solving Word Problems Solve multi-step problems (all possibilities).	**Lesson 19: Solving Word Problems** Solve problems involving scaling & comparison x & ÷	**AUTUMN TEST: arithmetic** *(according to school timetable)*	**AUTUMN TEST: reasoning** *(according to school timetable)*	**AUTUMN TEST: reasoning** *(according to school timetable)*
5 Chapter 4: Further Multiplication and Division				
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.	**Lesson 4: Multiplying Three Numbers** To multiply three numbers.
6 Chapter 4: Further Multiplication and Division				
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.	**Lesson 9: Multiplying 3-Digit Numbers** To multiply 3-digit numbers without renaming.
7 Chapter 4: Further Multiplication & Division				
Lesson 10: Multiplying 3-Digit Numbers To multiply 3-digit numbers (renaming).	**Lesson 11: Multiplying 3-Digit Numbers** To multiply 3-digit numbers	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 12: Dividing 2-Digit Numbers** To divide 2-digit numbers	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.
Christmas holiday break (Homework: telling the time to o'clock, ½ past, ¼ past/to)				

Year 4 coverage overview

Spring 1: 29 lessons				
1 Chapter 4: Further Multiplication & Division				
INSET day	**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.	**Lesson 16: Dividing** 3-Digit Numbers Divide 3-digit numbers with remainders.
2 Chapter 4: Further Multiplication & Division			**Chapter 5: Graphs**	
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	**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.
3 Chapter 5: Graphs				**Chapter 6: Fractions**
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	**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 fractions: Finding Part of a Set** To find a fraction of a whole number using pictorial representations, multiplication and concrete objects.	**Recap fractions: Finding the Fraction of a Number** 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: 30 lessons

1 Chapter 6: Fractions

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.

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: arithmetic** *(according to school timetable)*	**SPRING TEST: reasoning** *(according to school timetable)*	**SPRING TEST: reasoning** *(according to school timetable)*	**Revision and Mid-year Tests (A)**

4 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.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**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.

6 Chapter 8: Decimals

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)**	*ADDITIONAL LESSON: To write fractions as decimal numbers. Focusing on 0.25, 0.5, 0.75*

Easter holiday break (Homework: all multiplication tables)

Year 4 coverage overview

Summer 1: 22 lessons				
1 Chapter 8: Decimals				
Easter Monday	**INSET day**	**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**
2 Chapter 9: Money				
Lesson 1: Writing Amounts of Money To record amounts of money.	**Lesson 2: Writing Amounts of Money** To record amounts of money.	**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).
3 Chapter 9: Money			**Ch.10: Mass, Volume & Length**	
May Bank holiday	**Lesson 6: Solving Problems Involving Money** To solve money problems (multiplication).	**Chapter 9 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Converting Units of Length** To convert units of length.	**Lesson 2: Converting Units of Length** To convert units of length.
4 Chapter 10: Mass, Volume and Length				
Lesson 3: Estimating Length To estimate length.	**Lesson 4: Converting Units of Mass** To convert mass.	**Lesson 5: Estimating Mass** To estimate mass.	**Lesson 6: Converting Units of Volume** To convert units of volume.	**Lesson 7: Estimating Volume** To estimate volume.
5 Chapter 10: Mass, Volume and Length		**Chapter.11: Area of Figures**		
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	**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 Homework:				

Year 4 coverage overview

Summer 2: 37 lessons

1 Chapter 11: Area of Figures

Lesson 4: Measuring and Comparing Areas of Figures	Lesson 5: Comparing Perimeters and Areas of Figures	Lesson 6: Finding Areas of Squares and Rectangles	Consolidation	ADDITIONAL LESSON: Consolidation of formal division
To be able to find the area of rectilinear shapes by counting squares and half-squares.	To be able to compare the perimeters and areas of rectilinear shapes.	To be able to find the area of rectangles by using multiplication.	To be used if lessons take longer than expected or a topic needs to be revisited.	

2 Chapter 12: Geometry

COMBINED LESSON: **Lesson 1: Identifying Types of Angles** To identify types of 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.	Lesson 6: Finding Lines of Symmetry To draw lines of symmetry.

3   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.	Chapter 12 review and consolidation To practise various concepts covered in the chapter	Chapter 11 review and consolidation To practise various concepts covered in the chapter

4   Chapter 13: Position & Movement

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.	Lesson 5: Describing Translations To describe movements (coordinates)

5   Chapter 14: Roman Numerals

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	Chapter 14 review and consolidation To practise various concepts covered in the chapter

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ADDITIONAL LESSON: Revisiting formal methods	ADDITIONAL LESSON: Revisiting fractions (including fractions of amounts)	SUMMER TEST: arithmetic *(according to school timetable)*	SUMMER TEST: reasoning *(according to school timetable)*	SUMMER TEST: reasoning *(according to school timetable)*

7 MATHS WEEK

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)

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Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Summer break		

Summer holiday break