Year 2 coverage overview

Quality First Education Trust

Autumn 1: 38 lessons				

1 Chapter 1: Numbers to 100				
INSET day	**INSET day**	**Lesson 1: Counting to 100 over 2 days** To count numbers up to 100 using concrete objects: counting up by ones and tens.	**Lesson 1: Counting to 100 over 2 days**	**Lesson 2: Place Value over 2 days** To understand each digit in a number has its own value.

2 Chapter 1: Numbers to 100				
Lesson 2: Place Value over 2 days	**Lesson 3: Comparing Numbers** To be able to compare numbers from 0 to 100 using > and < signs.	**Lesson 4: Number Bonds over 2 days** To use the number bond strategy deepen understanding of place value.	**Lesson 4: Number Bonds over 2 days**	**Lesson 5: Number Patterns** To be able to count in steps of 2 and 10 from any number, forwards and backwards.

3 Chapter 1: Numbers to 100			**Chapter 2: Addition and subtraction**	
Lesson 6: Number Patterns To be able to count in steps of 3 and 5 from any number, forwards and backwards.	**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	**Lesson 1: Simple Adding** To add a single-digit number to a double-digit number without regrouping the ones.	**Lesson 2: Simple Adding** To add tens by recognising its relationship to adding ones.

4 Chapter 2: Addition and subtraction				
Lesson 3: Simple Adding To add double-digit numbers where one is a multiple of 10.	**Lesson 4: Simple Adding over 2 days** To add with tens & ones where ones are both more than 0.	**Lesson 4: Simple Adding over 2 days**	**Lesson 5: Adding with Renaming over 2 days** To add single-digit numbers to a double-digit number resulting in renaming of ones.	**Lesson 5: Adding with Renaming over 2 days**

5 Chapter 2: Addition and subtraction				
Lesson 6: Adding with Renaming over 2 days To add 2 double-digit numbers where renaming is expected.	**Lesson 6: Adding with Renaming over 2 days**	**Consolidation** To be used if addition with renaming lessons need more time.	**Consolidation** To be used if addition with renaming lessons need more time.	**Lesson 7: Simple Subtracting** To subtract ones from a 2-digit number.

6 Chapter 2: Addition and subtraction				
Lesson 8: Simple Subtracting To subtract 2-digit multiples of 10 from 2-digit multiples of 10.	**Lesson 9: Simple Subtracting** To subtract tens from a 2-digit number with the ones being more than zero.	**Lesson 10: Simple Subtracting over 2 days** To subtract a 2-digit number by another 2-digit number.	**Lesson 10: Simple Subtracting over 2 days**	**Lesson 11: Subtraction from Multiples of 10** To subtract within 100 by applying related 1-digit addition and subtraction facts.

7 Chapter 2: Addition and subtraction				
Lesson 12: Subtracting with Renaming over 2 days To subtract a 2-digit number by a 1-digit number with renaming.	**Lesson 12: Subtracting with Renaming over 2 days**	**Lesson 13: Subtracting with Renaming over 2 days** To subtract a 2-digit number from another 2-digit number where renaming has to occur.	**Lesson 13: Subtracting with Renaming over 2 days**	**Lesson 14: Addition of Three Numbers** To add three single-digit numbers.

8 Chapter 2: Addition and subtraction			**Ch 3: Multiplication of 2, 5 & 10**	
Consolidation To be used if subtraction with renaming lessons need more time.	**Consolidation** To be used if subtraction with renaming lessons need more time.	**Chapter 2 review and consolidation** To practise various concepts covered in the chapter	**Lesson 1: Multiplication as Equal Groups** To realise that multiplication is same as repeated addition with equal groups.	**Lesson 2: 2 Times Table** To focus on understanding and learning the 2 times table.

Half term break (Homework: to tell the time to o'clock and half/quarter past - analogue)

Year 2 coverage overview

Quality First Education Trust

Autumn 2: 34 lessons				
1 Chapter 3: Multiplication of 2, 5 and 10				
INSET day	**Lesson 3: 2 Times Table** To use concrete materials and pictorial representations to multiply by 2.	**Lesson 4: 5 Times Table** To cover the basics of the 5 times table and to highlight multiplication visually as equal groups.	**Lesson 5: 5 Times Table** Recall and use the 5 times table.	**Lesson 6: 10 Times Table** To introduce the 10 times table by focusing on the numbers found in the 10 times table.
2 Chapter 3: Multiplication of 2, 5 and 10				
Lesson 7: 10 Times Table To look at the 10 times table in more detail by looking at patterns and relationships.	**Lesson 8: Multiplying by 2, 5 and 10** To investigate links between 2, 5 & 10 times tables. To understand commutative law.	**Lesson 9: Multiplying by 2, 5 and 10** To use knowledge of the 2, 5 and 10 times tables to further investigate commutative law.	**Lesson 10: Solving Word Problems** To use the 2, 5 and 10 times tables to solve word problems.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.
3			**Ch 4: Multiplication & Division of 2, 5 & 10**	
Chapter 3 review and consolidation To practise various concepts covered in the chapter	**ADDITIONAL LESSON: Embed addition and subtracting with renaming** Revisit responding to feedback, using a ruler presentation expectation, digit formation, lesson expectations, etc	**AUTUMN TEST** _(according to school timetable)_	**AUTUMN TEST** _(according to school timetable)_	**Lesson 1: Grouping** To understand that grouping is a way of dividing.
4 Chapter 4: Multiplication and Division of 2, 5 and 10				
Lesson 2: Sharing To be able to divide by sharing an amount.	**Lesson 3: Dividing by 2** To divide by 2. The two strategies used here are splitting into groups of x and splitting into equal groups of many.	**Lesson 4: Dividing by 5** To be able to divide by 5 and identify links with multiplying by 5.	**Lesson 5: Dividing by 10** To be able to divide by 10 and identify links with multiplying by 10.	**Lesson 6: Multiplication and Division** Use multiplication and division skills to identify family facts in a number sentence.
5 Chapter 4: Multiplication and Division of 2, 5 and 10				
Lesson 7: Solving Word Problems over 2 days Understand and solve word problems which require the use of the multiplication and division skills in this chapter.	**Lesson 7: Solving Word Problems over 2 days**	**Lesson 8: Odd and Even Numbers** To be able to link whether odd or even numbers can be divisible by 2, 5 or 10.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Chapter 4 review and consolidation** To practise various concepts covered in the chapter.
6 Chapter 5: Length				
Lesson 1: Measuring Length in Metres To measure length in metres.	**Lesson 2: Measuring Length in Centimetres** To measure length in centimetres.	**Lesson 3: Comparing Length in Metres** To be able to compare length for objects using 'greater than' and 'less than' symbols.	**Lesson 4: Comparing Length in Centimetres** To be able to compare different lengths using centimetres as the unit of measure.	**Lesson 6: Solving Word Problems over 2 days** To be able to solve problems involving measurement in the context of word problems.
7 Chapter 5: Length				
Lesson 6: Solving Word Problems over 2 days	**Lesson 7: Solving Word Problems** To be able to solve addition and multiplication word problems involving measurement.	**Lesson 8: Solving Word Problems over 2 days** To be able to solve addition and division word problems involving measurement.	**Lesson 8: Solving Word Problems over 2 days**	**Chapter 5 review and consolidation** To practise various concepts covered in the chapter.
Christmas holiday break				

Year 2 coverage overview

Spring 1: 29 lessons				
1				**Ch 6: Mass**
INSET day	**ADDITIONAL LESSON:** Relationship between addition and subtraction & inverse (fact families)	**ADDITIONAL LESSON:** Missing numbers	**ADDITIONAL LESSON:** Revisit formal addition and/or subtraction with renaming	**Lesson 1: Measuring Mass in Kilograms** To understand that mass is measured in kilograms and by using weighing scales.
2 Chapter 6: Mass				
Lesson 2 : Measuring Mass in Grams To measure mass in grams and to understand that it is a smaller unit of measure than kilograms.	**Lesson 3: Measuring Mass in Grams** To measure mass accurately in grams using weighing scales.	**Lesson 4: Comparing Masses of Two Objects** To compare the mass of two different objects accurately.	**Lesson 6: Solving Word Problems** To solve word problems in the context of mass.	**Lesson 7: Solving More Word Problems over 2 days** To solve word problems involving mass.
3 Chapter 6: Mass				**Ch 7: Temperature**
Lesson 7: Solving More Word Problems over 2 days	**Chapter 6 review and consolidation** To practise various concepts covered in the chapter.	**ADDITIONAL LESSON:** revisit formal addition with renaming	**ADDITIONAL LESSON:** revisit formal subtraction with renaming	**Lesson 1: Reading Temperature** To accurately read temperature in Celsius.
4 Chapter 7: Temperature		**Chapter 8: Pictograms**		
Lesson 2: Estimating temperature To estimate temperature and to read thermometers to confirm the estimate.	**Chapter 7 review and consolidation** To practise various concepts covered in the chapter.	**Lesson 1: Reading Pictograms** To be able to read a picture graph with confidence.	**Lesson 2: Reading Pictograms** To be able to read and interpret a picture graph with confidence.	**Lesson 3: Reading Pictograms** To read and interpret a picture graph where the value of the picture can represent more than 1.
5 Chapter 8: Pictograms			**Review and recap**	
Lesson 4: Reading Pictograms To read and interpret a picture graph where the value of the picture can represent more than 1.	**Lesson 5: Reading Pictograms** To be able to read, interpret and create a pictogram where the value of the picture can represent more than 1.	**Chapter 8 review and consolidation** To practise various concepts covered in the chapter.	**Revision and Mid-year Tests (A)**	**Revision and Mid-year Tests (A)**
6 Review and recap		**Chapter 10: Money**		
Revision and Mid-year Tests (A)	**Revision and Mid-year Tests (A)**	**Lesson 1: Writing Amounts of Money** To identify standard UK coins and notes and write their names.	**Lesson 2: Counting Money Using Notes** To count notes in sequences of 5 and 10; to recognise the value of notes by appearance.	**Lesson 3: Counting Money Using Coins** To count coins in sequences of their value; to recognise the value of coins by appearance.
Half term (Homework: recognising coins and notes)				

Year 2 coverage overview

Spring 2: 25 lessons				
1 Chapter 10: Money				
Lesson 4: Counting Money To represent amounts of money using coins and notes; to count coins and notes using their denominations.	**Lesson 5: Showing Equal Amounts of Money** <u>over 2 days</u> To create equal amounts of money using different coins.	**Lesson 5: Showing Equal Amounts of Money** <u>over 2 days</u>	**Lesson 6: Exchanging Money** To exchange denominations of money for different coins.	**Lesson 8: Calculating Total Amount** To add money together to determine the total amount.
2 Chapter 10: Money				Ch 11: 2D Shapes
NON-MNP LESSON: Power Maths: Calculating Change To calculate change.	**Consolidation** **To be used if lessons** take longer than expected or a topic needs to be revisited.	**Consolidation** **To be used if lessons** take longer than expected or a topic needs to be revisited.	**Consolidation** **To be used if lessons** take longer than expected or a topic needs to be revisited.	**Lesson 1: Identifying Sides** To identify the number of sides on basic 2-D shapes.
3 Chapter 11: Two-Dimensional Shapes				
Lesson 2: Identifying Vertices To identify and count the vertices in regular polygons.	**Lesson 3: Identifying Lines of Symmetry** To identify lines of symmetry in basic 2-D shapes.	**Lesson 4: Making Figures** To construct shapes using pattern blocks that have lines of symmetry.	**Lesson 7: Making Patterns** To recognise patterns of familiar shapes and colours of up to three objects.	**Lesson 9: Moving Shapes** To move shapes from one position to another using common language.
4 Chapter 11: Two-Dimensional Shapes				Ch 12: 3D Shapes
Lesson 10: Turning Shapes To turn objects using ¼ , ½ & ¾ turns clockwise & anticlockwise on a square grid.	**Chapter 11 review and consolidation** To practise various concepts covered in the chapter.	**SPRING TEST** *(according to school timetable)*	**SPRING TEST** *(according to school timetable)*	**Lesson 1: Recognising Three-Dimensional Shapes** To recognise 3-D shapes by identifying their properties.
5 Chapter 12: Three-Dimensional Shapes				
Lesson 2: Describing Three-Dimensional Shapes To describe 3-D shapes and classify them using faces, vertices and edges.	**Lesson 3: Describing Three-Dimensional Shapes** To describe 3-D shapes based on number of faces & 2-D shapes of these faces; to construct nets of shapes into 3-D shapes.	**Lesson 4: Grouping Three-Dimensional Shapes** To group 3-D shapes by similar properties.	**Lesson 6: Making Patterns** To make and recognise patterns using 3-D shapes.	**Chapter 12 review and consolidation** To practise various concepts covered in the chapter.
Easter holiday break: Homework: to count in 2,5 and 10 & to tell the time to o'clock and half/quarter past (analogue)				

Year 2 coverage overview

Summer 1: 28 lessons				
1 Chapter 13: Fractions				
INSET DAY	**Fractions Lesson 1: Showing Equal Parts** To recognise that fractions represent equal parts of a whole.	**Lesson 2: Showing Half and Quarter** To recognise, find, name and write ½ and ¼.	**Lesson 3: Showing Quarters** To recognise, find, name and write quarters.	**Lesson 4: Showing Thirds** To show and identify thirds in shapes; to use the vocabulary 'numerator' and 'denominator' when referring to fractions.
2 Chapter 13: Fractions				
Lesson 5: Naming Fractions To deepen the understanding of fraction notation.	**Consolidation** To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 6: Making a Whole** To recognise pairs of fractions that add up to a whole.	**Lesson 7: Counting in Halves** To recognise and write mixed numbers that are a multiple of ½.	**Lesson 8: Counting in Quarters** To recognise and write mixed numbers that are a multiple of ¼ .
3 Chapter13: Fractions				
Lesson 9: Counting in Thirds To recognise and write mixed numbers that are a multiple of ⅓.	**Lesson 10: Finding Part of a Set** To be able to find half of a set.	**Lesson 11: Finding Part of a Set** To be able to find one third or two thirds of a set.	**Lesson 12: Finding Part of a Set** To be able to find a fraction of a set where the denominator is 2, 3 or 4.	**Lesson 13: Finding Part of a Quantity** To be able to recognise, name and find a fraction of a quantity.
4 Chapter 14: Time				
May bank holiday	**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.	**ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming**	**ADDITIONAL LESSON: Year 1, book 1B, Chapter 16: Lesson 2: Telling Time to the Half Hour** To improve familiarity with the analogue clock; to tell time to the half hour using the term 'half past'.
5 Chapter 14: Time				
ADDITIONAL LESSON: 15 minutes intervals (including drawing hands on clock) Quarter past	**ADDITIONAL LESSON: 15 minutes intervals (including drawing hands on clock)** Quarter to	**ADDITIONAL LESSON: 15 minutes intervals (including drawing hands on clock)** Mixed quarter past and quarter to	**ADDITIONAL LESSON: 15 minutes intervals (including drawing hands on clock)** Mixed quarter past and quarter to	**Lesson 1: Telling and Writing Time to 5 Minutes over 2 days** To tell and write the time to 5-minute intervals.
6 Chapter 14: Time				
Lesson 1: Telling and Writing Time to 5 Minutes over 2 days	**Lesson 2: Telling and Writing Time over 2 days** To tell time to 5-minute intervals and to the hour.	**Lesson 2: Telling and Writing Time over 2 days**	**ADDITIONAL LESSON: 5 minutes intervals**	**Lesson 3: Sequencing Events** To sequence events of the day by looking at analogue clocks and pictures.
Half term (Homework: to tell the time to 5 minutes)				

Year 2 coverage overview

Quality First Education Trust

Summer 2: 35 lessons				
1 Chapter 14: Time				
ADDITIONAL LESSON: To revisit ½, ¼, and 5-minute intervals.	**Lesson 4: Drawing Clock Hands** **over 2 days** To draw hands on an analogue clock to show the correct time.	**Lesson 4: Drawing Clock Hands** **over 2 days**	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 5: Finding Durations of Time over 2 days** To find the duration of time using an analogue clock in 30- and 60-minute intervals.
2 Chapter 14: Time				
Lesson 5: Finding Durations of Time over 2 days	**Lesson 6: Finding Ending Times** **over 2 days** To find the ending time of a duration of time from different 5-minute starting points.	**Lesson 6: Finding Ending Times** **over 2 days**	**Lesson 8: Finding Starting Times** **over 2 days** To find the starting time from 30-minute and 1-hour interval durations.	**Lesson 8: Finding Starting Times** **over 2 days**
3 Chapter 14: Time		**Chapter 15: Volume**		
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	**Lesson 1: Comparing Volume** To compare volume in different-sized containers using the terms 'greater than', 'less than', 'greatest' and 'least'.	**Lesson 2: Comparing Volume** To compare the volume of different containers using non-standard units.	**Lesson 3: Measuring Volume in Litres** To measure volume using litres and determine whether an amount is >, < or = a litre.
4 Chapter 15: Volume				
Lesson 4: Measuring Volume in Millilitres To measure volume using millilitres and litres; to determine how many millilitres there are in 1 l.	**Lesson 5: Solving Word Problems over 2 days** To solve word problems involving bar models with litres as the standard unit.	**Lesson 5: Solving Word Problems over 2 days**	**Lesson 6: Solving Word Problems over 2 days** To solve word problems using ml and l, including problems involving difference.	**Lesson 6: Solving Word Problems over 2 days**
5 Chapter 15: Volume				
Lesson 7: Solving Word Problems over 2 days To solve word problems involving volume and multiplication	**Lesson 7: Solving Word Problems over 2 days**	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	SUMMER TEST *(according to school timetable)*	SUMMER TEST *(according to school timetable)*
6 Chapter 9: Word Problems *Moved from Spring term*				
Chapter 15 review and consolidate To practise various concepts covered in the chapter.	**Lesson 1: Solving Word Problems over 2 days** To decide when it is appropriate to add and/or subtract when solving word problems; to improve the use of bar modelling and decision making based on visual representations.	**Lesson 1: Solving Word Problems over 2 days**	**Lesson 2: Solving Word Problems over 2 days** To use the bar model method to solve word problems looking at the difference between two amounts.	**Lesson 2: Solving Word Problems over 2 days**
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				