

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 NB: Teach how to use orange books.	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 compare numbers using place-value knowledge from previous lessons.	Lesson 4: Number Bonds To use the number bond strategy to deepen understanding of place value.	Lesson 5: Number Patterns over 2 days To count in ones and tens; to introduce boundary crossing using tens and ones.	Lesson 5: Number Patterns over 2 days
3 Chapter 1: Numbers to 100			Chapter 2: Addition and subtraction	
Lesson 6: Number Patterns over 2 days To recognise and describe patterns with more complex numbers, in particular 3 and 5.	Lesson 6: Number Patterns over 2 days	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. NB: When partitioning relate changes in place value to place/column.	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	Lesson 7: Simple Subtracting To subtract ones from a 2-digit number. NB: When partitioning, relate the digits value to its place/column. Subtraction modelled by teacher-no activity time	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.
6 Chapter 2: Addition and subtraction				
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 over 2 days To subtract within 100 by applying related 1-digit addition and subtraction facts. NB: When partitioning, relate the digits value to its place/column.	Lesson 11: Subtraction from Multiples of 10 over 2 days	Lesson 12: Subtracting with Renaming over 2 days To subtract a 2-digit number by a 1-digit number with renaming.
7 Chapter 2: Addition and subtraction				
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. NB: When partitioning, relate the digits value to its place/column.	Lesson 13: Subtracting with Renaming over 2 days	Lesson 14: Addition of Three Numbers To add three single-digit numbers.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
8 Chapter 3: Multiplication of 2, 5 and 10				
Chapter 2 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Multiplication as Equal Groups To realise that multiplication is the same as repeated addition with equal groups.	Lesson 2: 2 Times Table To focus on understanding and learning the 2 times table.	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.
Half term break (Homework: to tell the time to o'clock and half/quarter past (analogue))				

Autumn 2: 34 lessons				
1 Chapter 3: Multiplication of 2, 5 and 10				
INSET day	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.	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.
2 Chapter 3: Multiplication of 2, 5 and 10				
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.	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
3 Chapter 4: Multiplication and Division of 2, 5 and 10				
AUTUMN TEST: arithmetic <u>(according to school timetable)</u>	AUTUMN TEST: reasoning <u>(according to school timetable)</u>	Lesson 1: Grouping To understand that grouping is a way of dividing.	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.
4 Chapter 4: Multiplication and Division of 2, 5 and 10				
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.	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
5			Chapter 5: Length	
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.	Lesson 1: Measuring Length in Metres To measure length in metres.	Lesson 2: Measuring Length in Centimetres To measure length in centimetres.
6 Chapter 5: Length (no lesson 5 unless time permits)				
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.	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.
7 Chapter 5: Length				
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.	ADDITIONAL LESSON: Relationship between addition and subtraction & inverse (fact families)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
Christmas holiday break				

Spring 1: 29 lessons				
1				Chapter 6: Mass
INSET day	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.	Lesson 2 : Measuring Mass in Grams To measure mass in grams and to understand that it is a smaller unit of measure than kilograms.
2 Chapter 6: Mass (no lesson 5 unless time permits)				
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.	Lesson 7: Solving More Word Problems over 2 days
3				Chapter 7: Temperature
Chapter 6 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. Renaming – addition & subtraction	Lesson 1: Reading Temperature To accurately read temperature in Celsius.	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.
4 Chapter 8: Pictograms				
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.	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.
5 Test, review and remediation				
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.	Revision and Mid-year Tests (A) Review and Remediation NB: Revision A p. 111	Revision and Mid-year Tests (A) Review and Remediation NB: Revision B p.197	Revision and Mid-year Tests (A) Review and Remediation NB: Mid-year revision p.205
6				Chapter 10: Money
Revision and Mid-year Tests (A) Review and Remediation NB: Mid-year revision p.205	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.	Lesson 4: Counting Money To represent amounts of money using coins and notes; to count coins and notes using their denominations.
Half term (Homework: recognising coins and notes)				



Spring 2: 30 lessons				
1 Chapter 10: Money				
Lesson 5: Showing Equal Amounts of Money over 2 days To create equal amounts of money using different coins.	Lesson 5: Showing Equal Amounts of Money over 2 days	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.	NON-MNP LESSON: Check Power Maths: Calculating Change To calculate change.
2 Chapter 10: Money <i>No Chapter 10 review; use time to consolidate.</i>			Chapter 11: 2-Dimensional Shapes	
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.	Lesson 2: Identifying Vertices To identify and count the vertices in regular polygons.
3 Chapter 11: Two-Dimensional Shapes				
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. NB: use simpler sheet or paper cut-outs	Lesson 10: Turning Shapes To turn objects using $\frac{1}{4}$, $\frac{1}{2}$ & $\frac{3}{4}$ turns clockwise & anticlockwise on a square grid. NB: use simpler sheet or cut-out shapes with cocktail stick handles.
4			Chapter 12: Three-Dimensional Shapes	
Chapter 11 review and consolidation To practise various concepts covered in the chapter. (Check: q.3, 5 & 7)	SPRING TESTS: arithmetic (according to school timetable)	SPRING TESTS: reasoning (according to school timetable)	Lesson 1: Recognising Three-Dimensional Shapes To recognise 3-D shapes by identifying their properties.	Lesson 2: Describing Three-Dimensional Shapes To describe 3-D shapes and classify them using faces, vertices and edges.
5 Chapter 12: Three-Dimensional Shapes				Chapter 13: Fractions
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.	Fractions Lesson 1: Showing Equal Parts To recognise that fractions represent equal parts of a whole.
6 Chapter 13: Fractions				
Lesson 2: Showing Half and Quarter To recognise, find, name and write $\frac{1}{2}$ and $\frac{1}{4}$.	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.	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.
Easter holiday break: Homework: to count in 2,5 and 10 & to tell the time to o'clock and half/quarter past (analogue)				

Summer 1: 22 lessons				
1 Chapter 13: Fractions				
Easter Monday	INSET day	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 $\frac{1}{2}$.	Lesson 8: Counting in Quarters To recognise and write mixed numbers that are a multiple of $\frac{1}{4}$.
2 Chapter 13: Fractions				
Lesson 9: Counting in Thirds To recognise and write mixed numbers that are a multiple of $\frac{1}{3}$.	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.
3 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. Chapter review or use for consolidation.	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'.
4 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 Could use Power Maths	Lesson 1: Telling and Writing Time to 5 Minutes over 2 days To tell and write the time to 5-minute intervals.
5 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				

Summer 2: 37 lessons				
1 Chapter 14: Time				
ADDITIONAL LESSON: To revisit $\frac{1}{2}$, $\frac{1}{4}$, and 5-minute intervals.	Lesson 4: Drawing Clock Hands <u>over 2 days</u> To draw hands on an analogue clock to show the correct time.	Lesson 4: Drawing Clock Hands <u>over 2 days</u>	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 5: Finding Durations of Time <u>over 2 days</u> To find the duration of time using an analogue clock in 30- and 60-minute intervals.
2 Chapter 14: Time No lesson 7 and 9. No Chapter 14 review.				
Lesson 5: Finding Durations of Time <u>over 2 days</u>	Lesson 6: Finding Ending Times <u>over 2 days</u> To find the ending time of a duration of time from different 5-minute starting points.	Lesson 6: Finding Ending Times <u>over 2 days</u>	Lesson 8: Finding Starting Times <u>over 2 days</u> To find the starting time from 30-minute and 1-hour interval durations.	Lesson 8: Finding Starting Times <u>over 2 days</u>
3 Chapter 14: Time		Chapter 15: Volume		
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. (Can be used any time during Ch.14)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. (Can be used any time during Ch.14)	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 <u>over 2 days</u> To solve word problems involving bar models with litres as the standard unit.	Lesson 5: Solving Word Problems <u>over 2 days</u>	Lesson 6: Solving Word Problems <u>over 2 days</u> To solve word problems using ml and l, including problems involving difference.	Lesson 6: Solving Word Problems <u>over 2 days</u>
5 Chapter 15: Volume				
Lesson 7: Solving Word Problems <u>over 2 days</u> To solve word problems involving volume and multiplication	Lesson 7: Solving Word Problems <u>over 2 days</u>	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	SUMMER TEST: arithmetic (according to school timetable)	SUMMER TEST: reasoning (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 <u>over 2 days</u> 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 <u>over 2 days</u>	Lesson 2: Solving Word Problems <u>over 2 days</u> To use the bar model method to solve word problems looking at the difference between two amounts.	Lesson 2: Solving Word Problems <u>over 2 days</u>
7 Test, review and remediation (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)
Review and Remediation	Review and Remediation	Review and Remediation	Review and Remediation	Review and Remediation
8 Test, review and remediation				
Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Summer break		
Review and Remediation	Review and Remediation			
Summer holiday break				