

Autumn term 2021-22					
1 Chapter 1: Numbers to 100 (Year 1: HL 2020-21:Nos to 40)					
ADDITIONAL LESSON: 2NPV-1 Recognise the place value of each digit in two-digit numbers, and <u>compose</u> and <u>decompose</u> two-digit numbers using standard and non-standard partitioning.	Lesson 1: Counting to 100 <u>over two days</u> To count numbers up to 100 using concrete objects: counting up by ones and tens.	Lesson 1: Counting to 100 <u>over two days</u>	Lesson 2: Place Value <u>over two days</u> To understand each digit in a number has its own value.	Lesson 2: Place Value <u>over two days</u>	
Recap Year 1 Book 1B, Ch.10, Lesson 3: Counting in Tens and Ones To understand digits represent tens & ones; to represent numbers using Base 10 & numbers.	Recap Year 1 Book 1B, Ch.15, Lesson 2: Finding Tens & Ones To understand value of tens & ones digits in a number; to use multiple methods to represent/construct a number.				
2 Chapter 1: Numbers to 100 (Year 1: HL 2020-21:Nos to 40)					
Lesson 3: Comparing Numbers <u>over two days</u> To compare numbers using place-value knowledge from previous lessons.	Lesson 3: Comparing Numbers <u>over two days</u>	Lesson 4: Number Bonds To use the number bond strategy to deepen understanding of place value.	Lesson 5: Number Patterns <u>over two days</u> To count in ones and tens; to introduce boundary crossing using tens and ones.	Lesson 5: Number Patterns <u>over two days</u>	Lesson 6: Number Patterns To recognise and describe patterns with more complex numbers, in particular 3 and 5.
3 Chapter 2: Addition and subtraction (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
REVIEW: Chapter 1	ADDITIONAL LESSON: 2NPV-2 Reason about the location of any two-digit number on a number line, identifying previous & next multiple of 10	ADDITIONAL LESSON: Recap, practically adding and subtraction with part-whole model and bar models	ADDITIONAL LESSON: Recap Year 1: Bk1B, Ch.11,L.5 addition and subtraction word problems	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 (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
Lesson 3: Simple Adding <u>over 2 days</u> To add double-digit numbers where one is a multiple of 10.	Lesson 3: Simple Adding <u>over 2 days</u>	Lesson 4: Simple Adding <u>over 2 days</u> To add with tens and ones where the units are both more than 0.	Lesson 4: Simple Adding <u>over 2 days</u>	Lesson 5: Adding with Renaming <u>over 2 days</u> To add single-digit numbers to a double-digit number resulting in renaming of ones.	Lesson 5: Adding with Renaming <u>over 2 days</u>
5 Chapter 2: Addition and subtraction (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
Lesson 6: Adding with Renaming <u>over 2 days</u> To add 2 double-digit numbers where renaming is expected.	Lesson 6: Adding with Renaming <u>over 2 days</u>	ADDITIONAL LESSON: (if needed) Embed adding with renaming	COMBINED LESSONS: Recap Year 1 Book 1A, Ch.7, Lesson 6: Subtract from 10 Ch.7, Lesson 5: Subtract by Subtracting Ones	Lesson 7: Simple Subtracting To subtract ones from a 2-digit number. Part A	Lesson 7: Simple Subtracting To subtract ones from a 2-digit number. Part B
6 Chapter 2: Addition and subtraction (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
Lesson 8: Simple Subtracting To subtract 2-digit multiples of 10 from 2-digit multiples of 10.	Lesson 9: Simple Subtracting <u>over 2 days</u> To subtract tens from a 2-digit number with the ones being more than zero.	Lesson 9: Simple Subtracting <u>over 2 days (if needed)</u>	Lesson 10: Simple Subtracting To subtract a 2-digit number by another 2-digit number.	Lesson 11: Subtracting with Renaming <u>over 2 days</u> To subtract a 2-digit number by a 1-digit number with renaming.	Lesson 11: Subtracting with Renaming <u>over 2 days</u>
7 Chapter 2: Addition and subtraction (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
Lesson 12: Subtracting with Renaming <u>over 2 days</u> To subtract a 2-digit number from another 2-digit number where renaming has to occur.	Lesson 12: Subtracting with Renaming <u>over 2 days</u>	Catch up time	Catch up time	Catch up time	Catch up time
Half term break					

8 Chapter 2: Addition and subtraction (Reception & Year 1: HL 2019-21: + & -/+ & - word problems)					
ADDITIONAL LESSON: Embed/revisit responding to feedback, using a ruler presentation expectation, digit formation, lesson expectations, etc	Lesson 13: Addition of Three Numbers To add three single-digit numbers.	ADDITIONAL LESSON: (if needed) Embed addition and subtracting with renaming	ADDITIONAL LESSON: (if needed) Embed addition and subtracting with renaming	REVIEW: Chapter 2	Recap Year 1 Book 1B, Ch.12, Lesson 1: Making Equal Groups To identify equal groupings as first step in multiplying; to reinforce the idea arrangement of objects does not impact on the number of objects.
9 Chapter 3: Multiplication of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping/multiplication)					
Recap Year 1 Book 1B, Ch.12, Lesson 2: Adding Equal Groups To understand we can count groups of the same quantity more efficiently; to find multiple ways of counting groups of the same quantity.	Recap Year 1 Book 1B, Ch.12, Lesson 3: Making Equal Rows To be able to organise objects into equal rows in order to begin counting equal numbers efficiently.	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.
10 Chapter 3: Multiplication of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping/multiplication)					
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.	SATs : 2016 paper	SATs : 2016 paper	SATs : 2016 paper
11 Chapter 3: Multiplication of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping/multiplication)					
Lesson 8: Multiplying by 2, 5 and 10 To investigate links between the 2, 5 and 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.	ADDITIONAL LESSON: (if needed) Embed grouping in 2s, 5s and 10s (or use 2 days on Lesson 10)	REVIEW: Chapter 3	ADDITIONAL LESSON: Existing: Relationship between addition and subtraction
12 Chapter 4: Multiplication and Division of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping & sharing/ multiply)					
ADDITIONAL LESSON: Existing: Missing number problems	ADDITIONAL LESSON: Existing: Inverse to solve missing number problems	ADDITIONAL LESSON: Existing: Estimation	ADDITIONAL LESSON: Existing: Reasoning about addition	Recap Year 1 Book 1B, Ch.13, Lesson 1: Grouping equally	Recap Year 1 Book 1B, Ch.13, Lesson 2: Sharing equally
13 Chapter 4: Multiplication and Division of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping & sharing/ multiply)					
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 be able 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.
14 Chapter 4: Multiplication and Division of 2, 5 and 10 (Reception & Year 1: HL 2019-21: grouping & sharing/ multiply)					
Lesson 7: Solving Word Problems Understand and solve word problems which require the use of the multiplication and division skills in this chapter.	Lesson 8: Odd and Even Numbers To be able to link whether odd or even numbers can be divisible by 2, 5 or 10.	ADDITIONAL LESSON: (if needed) Embed multiplication and division of 2, 5 & 10. Relate multiplicat'n to repeat'd addition of equal groups & division to repeat'd subtraction of equal groups	REVIEW: Chapter 4	Catch up time	Catch up time
Christmas holiday break					

1 Spring term 1 2021-22					
Bank Holiday	INSET day	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming <i>Recap presentation expectation, digit formation and challenge</i>	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming (as needed)	ADDITIONAL LESSON: Revisit multiplication and division of 2, 5 & 10. Relate multiplication to repeated addition of equal groups & division to repeated subtraction of equal groups	REVIEW: Chapter 4: Multiplication and division of 2,5 & 10
2 Chapter 5: Length (Year 1: HL 2020-21)					
Revisit year 1: Book 1A, Ch. 9, Lesson 4: Measuring Height and Length Using a Ruler	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 To be able to solve problems involving measurement in the context of word problems.
3 Chapter 5: Length (Year 1: HL 2020-21)					Chapter 6: Mass
Lesson 7: Solving Word Problems To be able to solve addition and multiplication word problems involving measurement.	Lesson 8: Solving Word Problems To be able to solve addition and division word problems involving measurement.	REVIEW: Chapter 5: Length	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming (including SATs style fact families/ missing numbers))	ADDITIONAL LESSON: Revisit multiplication and division, (including SATs style fact families/ missing numbers)	Lesson 1: Measuring Mass in Kilograms To understand that mass is measured in kilograms and by using weighing scales.
4 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 To solve word problems involving mass.	REVIEW: Chapter 6: Mass
5 Chapter 7: Temperature		Chapter 8: Picture Graphs			
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.	Lesson 1: Reading Picture Graphs To be able to read a picture graph with confidence.	Lesson 2: Reading Picture Graphs To be able to read and interpret a picture graph with confidence.	Lesson 3: Reading Picture Graphs To read and interpret a picture graph where the value of the picture can represent more than 1.	Lesson 4: Reading Picture Graphs To read and interpret a picture graph where the value of the picture can represent more than 1.
6			Ch9:Word Probs	Catch up	Catch up
REVIEW: Chapter 7: Temperature	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming (use SATs style format – addition/ subtraction word problems)	ADDITIONAL LESSON: Revisit multiplication and division of 2,5 & 10 (including SATs style fact families/ missing numbers)	Lesson 1: Solving Word Problems 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.		
REVIEW: Chapter 8: Picture Graphs					

Spring term 2 2021-22					
7 Chapter 9: More Word Problems					Ch 10: Money
Lesson 2: Solving Word Problems To use the bar model method to solve word problems looking at the difference between two amounts.	Lesson 3: Solving Word Problems (over 2 days) To solve multi-step word problems using bar models; to use more than one bar model in a problem to work out the answer.	Lesson 3: Solving Word Problems (over 2 days)	Review Chapter 9: Word Problems <i>If time available, look at SATs style questions as well as review</i>	ADDITIONAL LESSON: Revisit formal addition and/or subtraction incl. renaming (SATs style format) <i>Could also revisit horizontal equations - missing number/ inverse/balancing equations and = sign at start</i>	Lesson 1: Writing Amounts of Money To identify standard UK coins and notes and write their names.
8 Chapter 10: Money					
Lesson 2: Counting Money To count notes in sequences of 5 and 10; to recognise the value of notes by appearance.	Lesson 3: Counting Money 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.	Lesson 5: Showing Equal Amounts of Money To create equal amounts of money using different coins.	Lesson 6: Exchanging Money To exchange denominations of money for different coins.	SATs paper 1 (2019)
9	Chapter 10: Money			Chapter 11: Two-Dimensional Shapes	
SATs paper 2 (2019)	Lesson 8: Calculating Total Amount To add money together to determine the total amount.	Calculating Change (don't use MNP lesson) To calculate change; to use the bar model approach to represent amounts of money.	Embed and REVIEW chapter 10: Money	Recap Year 1 shape: Textbook 1A, Chapter 8, Lesson 1 and 2: Recognising Solids Recognising Shapes	Lesson 1: Identifying Sides To identify the number of sides on basic 2-D shapes.
10 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 (use simpler sheet or paper cut-outs) To move shapes from one position to another using common language.	Lesson 10: Turning Shapes (use simpler sheet or cut-out shapes with cocktail stick handles) To turn objects using $\frac{1}{4}$, $\frac{1}{2}$ & $\frac{3}{4}$ turns clockwise & anticlockwise on a square grid.
11 Chapter 12: Three-Dimensional Shapes					
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.	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.	Embed and review Chapter 11: 2-D shapes (NB: not q.3, 5 & 7??) Embed and review Chapter 12: 3-D shapes
12 Chapter 13: Fractions			Catch up time	Catch up time	Catch up time
Fractions Lesson 1: Making Equal Parts To make equal parts from a whole using simple and complex methods.	Lesson 2: Showing Half and Quarter To show and recognise halves and quarters.	Lesson 3: Showing Quarters To show and identify more than one quarter using materials and pictures.			
Easter holiday homework: counting in 2,5 and 10 and read clock for o'clock and half past					