

Autumn term 2021-22					
<b>1 Chapter 1: Numbers to 1000</b>					
<b>Recap year 2 Book 2A, Ch.1, Lesson 4: Number Bonds</b> To deepen understanding of the place value of each digit in 2-digit numbers using number bonds.	<b>Lesson 1: Counting in Hundreds</b> To learn to count in hundreds and understand their place-value. Pupils will also understand how many hundreds are needed to make 1000.	<b>Lesson 2: Counting in Hundreds, Tens and Ones</b> To compose and decompose numbers consisting of hundreds, tens and ones.	<b>ADDITIONAL LESSON: 3NPV-2</b> Recognise place value of each digit in 3-digit numbers & <u>compose &amp; decompose</u> 3-digit numbers using standard & non-standard partitioning.	<b>Lesson 3: Place Value</b> To understand the value of each digit in a 3-digit number.	<b>Lesson 4: Comparing and Ordering Numbers over 2 days</b> To be able to compare and order numbers.
<b>2 Chapter 1: Numbers to 1000</b>					
<b>Lesson 4: Comparing and Ordering Numbers over 2 days</b>	<b>Lesson 5: Counting in Fifties over 2 days</b> To be able to count in fifties.	<b>Lesson 5: Counting in Fifties over 2 days</b>	<b>Lesson 6: Number Patterns</b> To recognise, describe and continue a number pattern.	<b>Lesson 7: Number Patterns</b> To be able to recognise, describe and complete more complicated number patterns.	<b>Lesson 8: Counting in Fours and Eights (over 2 days)</b> To be able to count in fours and eights.
<b>3 Chapter 1: Numbers to 1000</b>					
<b>Lesson 8: Counting in Fours and Eights over 2 days</b>	<b>REVIEW: Chapter 1</b>	<b>Recap year 2 Book 2A, Lesson 5: Adding with renaming</b> To add 1-digit numbers to a 2-digit number resulting in renaming of ones.	<b>Recap year 2 Book 2A, Lesson 11: Subtracting with Renaming</b> To subtract a 1-digit number from a 2-digit number with renaming.	<b>Lesson 1: Addition and Subtraction Facts</b> To understand commutative law of addition and the corresponding addition and subtraction facts.	<b>Lesson 2: Simple Adding</b> To add a 3-digit number to a 1-digit number with no regrouping or renaming.
<b>4 Chapter 2: Addition and Subtraction</b>					
<b>Lesson 3: Simple Adding</b> To add a 3-digit number to a multiple of 10 (2-digit number) without regrouping or renaming.	<b>Lesson 4: Simple Adding</b> To add multiples of 100 to a 3-digit number without regrouping or renaming.	<b>Lesson 5: Simple Adding</b> To add two 3-digit numbers without regrouping or renaming; introduction of the column method of addition.	<b>Lesson 6: Adding with Renaming</b> To add a 3-digit number to a 1-digit number, with renaming.	<b>Lesson 7: Adding with Renaming</b> To add with renaming in tens.	<b>Lesson 8: Adding with Renaming</b> To add two 3-digit numbers with renaming the ones.
<b>5 Chapter 2: Addition and Subtraction</b>					
<b>Lesson 9: Adding with Renaming</b> To add two 3-digit numbers with renaming the tens.	<b>Lesson 10: Adding with Renaming over 2 days</b> To add with renaming in ones and tens.	<b>ADDITIONAL LESSON Embed column addition: 10: Adding with Renaming over 2 days</b>	<b>Lesson 11: Simple Subtracting</b> To do simple subtraction by taking away a single-digit number from a double-digit number without renaming.	<b>Lesson 12: Simple Subtracting</b> To do simple subtraction by taking away a single-digit number from a 3-digit number without renaming.	<b>Lesson 13: Simple Subtracting</b> To subtract multiples of 10, up to 90, from a 3-digit number.
<b>6 Chapter 2: Addition and Subtraction</b>					
<b>Lesson 14: Simple Subtracting</b> To subtract 100s from 3-digit number & subtract multiples of 1 & 10 from 3-digit number.	<b>Lesson 15: Simple Subtracting</b> To understand simple subtraction of a 3-digit by 3-digit number using column method.	<b>Lesson 16: Subtracting with Renaming</b> To subtract with renaming in the tens and ones.	<b>Lesson 17: Subtracting with Renaming</b> To subtract with renaming hundreds.	<b>ADDITIONAL LESSON: Embed column subtraction hundreds</b>	<b>Lesson 18: Subtracting with Renaming over 2 days</b> To subtract with regrouping tens and hundreds.
<b>7 Chapter 2: Addition and Subtraction</b>					
<b>Lesson 18: Subtracting with Renaming over 2 days</b>	<b>Lesson 19: Subtracting with Renaming</b> To subtract a 3-digit number with zeros.	<b>ADDITIONAL LESSON: Embed addition and subtraction</b>	<b>Lesson 20: Using Models</b> To solve addition and subtraction problems using the bar model.	<b>Lesson 21: Using Models</b> To use the bar model to solve problems.	<b>Catch up time</b>
<b>Half term break</b>					

<b>8 Chapter 2: Addition &amp; subtraction</b>		<b>Chapter 3: Multiplication and Division</b>			
<b>Lesson 22: Using Models</b> To solve complicated problems involving add & subtract using comparative bar model heuristic.	<b>Lesson 23: Using Models</b> To solve more complicated problems involving add & subtract using comparative bar model heuristic.	<b>REVIEW: Chapter 2</b>	<b>Lesson 1: Multiplying by 3</b> To multiply by 3.  <i>Recap equal groups in factual fluency time</i>	<b>Lesson 2: Multiplying by 3</b> To multiply by 3 using relational properties.	<b>Lesson 3: Multiplying by 4</b> To multiply by 4.  (Make links with x2 multiplication tables)
<b>9 Chapter 3: Multiplication and Division</b>					
<b>Lesson 4: Multiplying by 4</b> To multiply by 4.	<b>Lesson 5: Multiplying by 4 and 8</b> To multiply by 4 and 8.  (Make links with known facts)	<b>Lesson 6: Multiplying by 8</b> To multiply by 8; to use commutative law to multiply.	<b>Lesson 7: Multiplying by 8</b> To multiply by 8.	<b>Lesson 8: Dividing by 3</b> To divide by 3.	<b>Lesson 9: Dividing by 4</b> To divide by 4.
<b>10 Chapter 3: Multiplication and Division</b>					
<b>Lesson 10: Multiplying and Dividing</b> To find relationships between multiplication and division.	<b>Nfer Autumn paper</b>	<b>Nfer Autumn paper</b>	<b>Nfer Autumn paper</b>	<b>Lesson 11: Dividing by 4 and 8</b> To divide by 4 and 8.	<b>Lesson 12: Solving Word Problems</b> To solve word problems with multiplication.
<b>11 Chapter 3: Multiplication and Division</b>			<b>Chapter 4: Further Multiplication and Division</b>		
<b>Lesson 13: Solving Word Problems</b> To solve word problems involving division.	<b>Lesson 14: Solving Word Problems</b> To solve more word problems involving multiplication and division using the bar model heuristic.	<b>REVIEW: Chapter 3</b>	<b>ADDITIONAL LESSON: 3NF-3 over 2 days</b> Apply place-value knowledge to known additive (addition) and multiplicative (multiplication) number facts (scaling facts by 10).	<b>ADDITIONAL LESSON: 3NF-3 over 2 days</b> Apply place-value knowledge to known additive (addition) and multiplicative (multiplication) number facts (scaling facts by 10).	<b>Lesson 1: Multiplying 2-Digit Numbers</b> To multiply multiples of 10 by a 1-digit number.
<b>12 Chapter 4: Further Multiplication and Division</b>					
<b>Lesson 2: Multiplying 2-Digit Numbers</b> To multiply any 2-digit number by a 1-digit number.	<b>Lesson 3: Multiplying 2-Digit Numbers</b> To multiply more 2-digit numbers.	<b>Lesson 4: Multiplying 2-Digit Numbers over 2 days</b> To multiply with regrouping.	<b>Lesson 4: Multiplying 2-Digit Numbers over 2 days</b>  <i>Use lesson 5 as deepening task if appropriate to class</i>	<b>ADDITIONAL LESSON: Embed multiplication</b>	<b>Lesson 6: Simple Dividing</b> To understand simple division of a 2-digit number by a 1-digit number.
<b>13 Chapter 4: Further Multiplication and division</b>					
<b>Lesson 7: Dividing with Regrouping over 2 days</b> To divide where there is a need to regroup.	<b>Lesson 7: Dividing with Regrouping over 2 days</b>	<b>Lesson 8: Dividing with Regrouping over 2 days</b> To use long division to divide.	<b>Lesson 8: Dividing with Regrouping over 2 days</b> To use long division to divide.	<b>ADDITIONAL LESSON: Embed division</b>	<b>ADDITIONAL LESSON: Embed division and multiplication</b>
<b>14</b>					
<b>Lesson 9: Solving Word Problems</b> To solve word problems involving multiplication.	<b>Lesson 10: Solving Word Problems</b> To solve word problems involving division.	<b>Catch up time Embed multiplication and division</b>	<b>REVIEW: Chapter 4</b>	<b>Catch up time</b>	<b>Catch up time</b>
<b>Christmas holiday break</b>					

1 Spring term 1 2021-22					
Bank Holiday	INSET day	<b>ADDITIONAL LESSON: Revisit formal addition and subtraction</b>	3NF-3 Apply place-value knowledge to known additive (addition) and multiplicative (multiplication) number facts ( <u>scaling facts by 10</u> ) NB: Scaling facts, linking facts such as $8+6=14$ and $14-6=8$ to $80+60=140$ and $140-60=80$ . Also, $3 \times 4=12$ and $12 \div 4=3$ to $30 \times 4=120$ and $120 \div 4=30$	<b>ADDITIONAL LESSON: Revisit multiplication and division</b>	<b>ADDITIONAL LESSON: Revisit multiplication and division</b>
2 Chapter 4: Further Multiplication and Division			Chapter 5: Length		
<b>Lesson 9: Solving Word Problems</b> To solve word problems involving multiplication.	<b>Lesson 10: Solving Word Problems</b> To solve word problems involving division.	<b>REVIEW: Chapter 4 Further multiplication and division</b>	<b>Lesson 1: Writing Length in Metres and Centimetres</b> To use metres and centimetres to measure objects.	<b>Lesson 2: Writing Length in Centimetres</b> To write length in centimetres only by converting metres to centimetres.	<b>Lesson 3: Writing Length in Metres</b> To convert kilometres to metres.
3 Chapter 5: Length					
<b>Lesson 4: Writing Length in Kilometres and Metres</b> To convert length from metres to kilometres and metres.	<b>Lesson 5: Comparing Length</b> To compare two lengths.	<b>Lesson 6: Solving Word Problems</b> To solve measurement-related word problems.	<b>Lesson 7: Solving Word Problems</b> To solve measurement-related word problems.	<b>Lesson 8: Solving Word Problems</b> To solve word problems further, involving multiplication and division.	<b>Lesson 9: Solving Word Problems</b> To solve word problems further, involving multiplication and division.
4 Chapter 6: Mass (Year 1 and Year 2: HL 2019-21)					
<b>RECAP Lesson: Year 2: Textbook 2A, Chapter 6: Lesson 3: Measuring Mass in Grams</b> To be able to measure mass accurately in grams using weighing scales.	<b>Lesson 1: Reading Weighing Scales</b> To measure mass using weighing scales and compare the mass of objects using grams and kilograms.	<b>Lesson 2: Reading Weighing Scales</b> To use weighing scales to measure mass when the mass is between multiples of 100 g.	<b>Lesson 3: Reading Weighing Scales</b> To read values on a scale which are 1 kg or more.	<b>Lesson 4: Reading Weighing Scales</b> To weigh heavier items where the markers on the scales represent 200 g each.	<b>Lesson 5: Solving Word Problems</b> To solve word problems relating to mass with addition and subtraction.
5 Chapter 6: Mass (Year 1 and Year 2: HL 2019-21)			Chapter 7: Volume		
<b>Lesson 6: Solving Word Problems</b> To solve word problems relating to mass using multiplication.	<b>Lesson 7: Solving Word Problems</b> To solve word problems relating to mass using division.	<b>ADDITIONAL LESSON: Revisit 4-operations (as needed based on outcomes from Ch.6: lessons 5-7)</b>	<b>REVIEW: Chapter 5: Length Chapter 6: Mass</b>	<b>Lesson 1: Measuring Volume in Millilitres</b> To measure volume in millilitres.	<b>Lesson 2: Measuring Capacity in Millilitres</b> To measure capacity in millilitres.
6 Chapter 7: Volume				Catch up time	Catch up time
<b>Lesson 3: Measuring Volume in Millilitres and Litres</b> To measure volume using millilitres and litres.	<b>Lesson 5: Writing Volume in Litres and Millilitres</b> To measure volume using millilitres and litres in comparison to 1 l.	<b>Lesson 6: Writing Capacity in Litres and Millilitres</b> To measure larger capacity in litres and millilitres.	<b>Lesson 7: Solving Word Problems</b> To solve basic word problems related to volume.		

<b>1 Spring term 2 2021-22</b>					
<b>Chapter 7: Volume</b>			<b>Chapter 8: Money (Year 1 and Year 2: HL 2019-21)</b>		
<b>ADDITIONAL LESSON: Revisit formal addition and subtraction methods</b>	<b>ADDITIONAL LESSON: Revisit multiplication and division methods</b>	<b>Lesson 8: Solving Word Problems</b> To solve more word problems.	<b>ADDITIONAL LESSON: Revisit Year 2 money: Textbook 2B, Ch 10: Combine lesson 2 &amp; 3: Counting Money</b> To be able to count money in coins and use the symbols for pounds (£) and pence (p).	<b>Lesson 1: Naming Amounts of Money</b> To consolidate previous learning about denominations of both notes and coins; to use simple addition to count amounts of money.	<b>Lesson 2: Naming Amounts of Money</b> To name amounts of money including coins adding to more than 100p; to regroup and rename 100p as £1 as a key strategy.
<b>2 Chapter 8: Money (Year 1 and Year 2: HL 2019-21)</b>					
<b>Lesson 3 : Showing Amounts of Money</b> To find multiple ways of showing an amount of money.	<b>Lesson 4 : Adding Money</b> To add money by adding together the pounds and pence separately.	<b>Lesson 5: Adding Money</b> To add amounts of money together using different methods; to consolidate the addition of pounds and pence separately.	<b>Lesson 6: Adding Money</b> To consolidate 'making a pound' as a strategy for adding amounts of money where the coins equal more than 99p.	<b>Lesson 7: Adding Money</b> To learn the 'make a pound' strategy with number bond diagrams; To consolidate the strategies for addition of money.	<b>Lesson 8: Subtracting Money</b> To use multiple methods for subtracting amounts of money, including concrete materials and the column method.
<b>3</b>			<b>Ch 8: Money (Yr 1 &amp; Yr 2: HL 2019-21)</b>		<b>Chapter 9: Time</b>
<b>Nfer Spring test</b>	<b>Nfer Spring test</b>	<b>Nfer Spring test</b>	<b>Lesson 9 : Subtracting Money</b> To use visual comparison to subtract amounts of money; to consolidate column subtraction with no regrouping of pence required.	<b>Lesson 12: Calculating Change</b> To use the 'counting on' strategy to calculate change; to consolidate the number bonds strategy to calculate change.	<b>Lesson 1: Telling the Time</b> To use the terms 'a.m.' and 'p.m.' correctly to identify morning or afternoon/evening.
<b>4 Chapter 9: Time</b>					
<b>Lesson 2: Telling the Time</b> To learn to tell time to the minute; to understand the relationship between the minute hand and hour hand.	<b>Lesson 3: Telling the Time</b> To consolidate and apply a variety of vocabulary used to express the time.	<b>Lesson 4: Telling the Time</b> To compare analogue and digital time; to represent time using both analogue and digital methods.	<b>Lesson 5: Telling the Time</b> To tell time before the hour using the hour and minute hands.	<b>Lesson 6: Telling the Time</b> To learn to tell time using 24-hour notation; to use analogue time and 24-hour notation interchangeably.	<b>Lesson 7: Telling the Time</b> To tell the time on an analogue clock using Roman numerals.
<b>5 Chapter 9: Time</b>					
<b>Lesson 9 : Measuring Time in Seconds</b> To measure time in seconds using a stopwatch; to consolidate previous learning about seconds.	<b>Lesson 10: Measuring Time in Seconds</b> To consolidate measuring time in seconds; to conduct a time experiment using seconds.	<b>Lesson 11: Measuring Time in Hours</b> To measure time in hours using an analogue clock.	<b>Lesson 12: Measuring Time in Hours</b> To consolidate the measurement of time in hours.	<b>Lesson 13: Measuring Time in Hours</b> To measure time in hours using analogue clocks and timelines; to count backwards in time by the hour.	<b>Lesson 14: Measuring Time in Minutes</b> To measure the passage of time in minutes using an analogue clock and a timeline.
<b>6 Chapter 9: Time</b>			<b>Catch up</b>	<b>Catch up</b>	<b>Catch up</b>
<b>Lesson 15: Measuring Time in Minutes</b> To measure time to the minute when it crosses into the next hour; to use number bonds to calculate the passage of time.	<b>Lesson 16: Measuring Time in Minutes</b> To measure time in minutes, counting back to determine the starting point; to use number bonds & timelines to calculate the passage of time.	<b>Lesson 19: Finding Number of Days</b> To calculate the number of days in a month and to learn which months have 31, 30 and 28/29 days.			
<b>EASTER BREAK</b>					