

MOUNT CREST ACADEMY (2022-23)			
GRADE 4- ENGLISH			
ENGLISH		MONTH	ASSESSMENT
Unit	Unit 1	JUNE 2022	PT1
Unit title	Who were 'The Vikings'?		
Text			
Comprehension focus	Investigating paragraphs in non-fiction		
Vocabulary focus	Word endings & suffixes		
Punctuation focus	Punctuating Sentences		
Spelling focus	ur & ure word endings		
Grammar focus	Paragraphing in non-fiction writing		
Writing focus	Factual Writing		
Unit	Unit 2	JULY 2022	PT1
Unit title	Erik The Viking		
Text	Fiction text: extract from The Saga of Erik the Viking by Terry Jones		
Comprehension focus	Analysing plot		
Vocabulary focus	Rhyming Words		
Punctuation focus	Direct Speech		
Spelling focus	Syllables		
Grammar focus	Verb round-up		
Writing focus	Planning a story		
Unit	Unit 3	JULY 2022	PT1
Unit title	A Chinese Play		
Text	Short play script: 'The painter and the Judge'		
Comprehension focus	Investigating scenes in play scripts		
Vocabulary focus	Alphabetical Order		
Punctuation focus	Dialogue in plays		
Spelling focus	ive word ending		
Grammar focus	Noun round-up		
Writing focus	Play Scripts		
Unit	Unit 4	AUGUST 2022	PT2
Unit title	The Great Wall of China		
Text	Magazine article: 'A Must-See!' Fact file: 'The Great Wall of China'		
Comprehension focus	Analysing purpose		
Vocabulary focus	Alphabetical Order		
Punctuation focus	Commas in lists		
Spelling focus	ea words		
Grammar focus	The present perfect tense		
Writing focus	Factual writing		

Unit	Unit 5	AUGUST 2022	PT2
Unit title	Castles in Stories		
Text	Fiction texts: extracts from The Fisherman's Castle by the Brothers Grimm and The Snow Queen's Castle by Hans Christian Andersen		
Comprehension focus	Imagining yourself in the story		
Vocabulary focus	Gender words		
Punctuation focus	Singular possessive nouns		
Spelling focus	f/fe word endings		
Grammar focus	Adjectives		
Writing focus	Settings for stories		
Unit	Unit 6	AUGUST 2022	PT2
Unit title	Let's Celebrate!		
Text	Information text: 'New Year Celebrations' Instructions: 'The Firework Code'		
Comprehension focus	Investigating instructional writing		
Vocabulary focus	Words used as nouns and verbs		
Punctuation focus	Using bullet points		
Spelling focus	Suffixes ship & hood		
Grammar focus	The present perfect tense: regular & irregular verbs		
Writing focus	Instructions		
Unit	Unit 7	SEPTEMBER 2022	PT2
Unit title	Stig of the Dump		
Text	Fiction text: extract from Stig of the Dump by Clive King		
Comprehension focus	Analysing the setting & characters in a story		
Vocabulary focus	Synonyms & phrases		
Punctuation focus	Apostrophes of contraction		
Spelling focus	en & on word endings		
Grammar focus	Noun phrases		
Writing focus	Setting & characters		
Unit	Unit 8	SEPTEMBER 2022	PT2
Unit title	Reduce, Reuse, Recycle		
Text	Information text: 'Dealing with Waste'		
Comprehension focus	Analysing information texts		
Vocabulary focus	Over-used word: nice		
Punctuation focus	Plural possessive nouns		
Spelling focus	Prefixes un, mis, dis & re		
Grammar focus	Singular & plural		
Writing focus	Information texts		

Unit	Unit 9	SEPTEMBER 2022	PT2
Unit title	Rainbow Poems		
Text	Poetry: 'The Rainbow' by Iain Chrichton Smith & 'My Rainbow Garden' by Marilyn Lott		
Comprehension focus	Analysing description & rhyme schemes in poetry		
Vocabulary focus	Using a dictionary		
Punctuation focus	Apostrophes of contraction		
Spelling focus	Silent letters		
Grammar focus	Possessive adjectives & possessive pronouns		
Writing focus	Poetry		
Unit	Unit 10	OCTOBER 2022	PT2
Unit title	Books About Bridges		
Text	Extracts from three non-fiction texts about bridges		
Comprehension focus	Identifying key words & phrases		
Vocabulary focus	Definitions		
Punctuation focus	Commas in numbers		
Spelling focus	sion, ssion & cian word endings		
Grammar focus	Past perfect tense		
Writing focus	Collecting information		
Unit	Unit 11	OCTOBER 2022	PT2
Unit title	Robert Louis Stevenson		
Text	Biographical text: 'Robert Louis Stevenson: A Biography'		
Comprehension focus	Analysing a biographical text		
Vocabulary focus	Antonyms		
Punctuation focus	Plural & possessive nouns		
Spelling focus	The prefixes auto, super & anti		
Grammar focus	Pronouns & possessive adjectives		
Writing focus	Biographical writing		
Unit	Unit 12	NOVEMBER 2022	PT3
Unit title	Treasure Island		
Text	Fiction text: extract adapted from Treasure Island by Robert Louis Stevenson		
Comprehension focus	Reading & responding to first person narratives		
Vocabulary focus	Using a thesaurus		
Punctuation focus	Direct Speech - speaker's name first		
Spelling focus	Prefixes in, im, il & ir		
Grammar focus	Paragraphing in fiction		
Writing focus	First person narrative		

Unit	Unit 13	NOVEMBER 2022	PT3
Unit title	Wildfire		
Text	Fiction text: extract from Wildfire by Mavis Thorpe Clark		
Comprehension focus	Looking at how writers add detail to narrative writing		
Vocabulary focus	Synonyms for 'said'		
Punctuation focus	Direct speech - questions & exclamations		
Spelling focus	ly word ending		
Grammar focus	Noun & verb agreement		
Writing focus	Story endings		
Unit	Unit 14	DECEMBER 2022	PT3
Unit title	Fire Beneath Our Feet		
Text	Explanatory text: 'Volcanoes'		
Comprehension focus	Investigating explanatory writing		
Vocabulary focus	Synonyms		
Punctuation focus	it's or its?		
Spelling focus	tion word ending		
Grammar focus	Adverb clauses		
Writing focus	Summaries		
Unit	Unit 15	DECEMBER 2022	PT3
Unit title	The Mango Tree		
Text	Fiction text: extract from The Mango Tree by Madhur Jaffrey		
Comprehension focus	Exploring a resolution to a character's problems		
Vocabulary focus	Diminutives		
Punctuation focus	Split direct speech		
Spelling focus	able & ible suffixes		
Grammar focus	Verb tense round-up		
Writing focus	Solving problems		
Unit	Unit 16	JANUARY 2022	AT
Unit title	Travelling in India		
Text	Advertisement: 'India will amaze you!'		
Comprehension focus	Analysing a persuasive text		
Vocabulary focus	Similes		
Punctuation focus	Commas in lists		
Spelling focus	ous, ious & eous word endings		
Grammar focus	Fronted adverb clauses		
Writing focus	Advertisements		

Unit	Unit 17	JANUARY 2022	AT
Unit title	On Top of the World		
Text	Newspaper report: 'First Sri Lankan Climber to Reach Everest Summit!'		
Comprehension focus	Analysing a newspaper article		
Vocabulary focus	Homophones		
Punctuation focus	Indirect Speech		
Spelling focus	Words from French		
Grammar focus	Fronted adverb clauses		
Writing focus	Newspaper reports		

GRADE 4 GRAMMAR		
TOPIC	MONTH	ASSESSMENT
UNIT 1-Verbs	JUNE 2022	PT1
UNIT 2- Sentences	JUNE 2022	PT1
UNIT 3- Nouns	JUNE 2022	PT1
UNIT 4-Sentences	JULY 2022	PT1
UNIT 5- Suffixes	JULY 2022	PT1
UNIT 6- Adjectives & Adverbs	JULY 2022	PT1
UNIT 7 - Singular & plural	AUGUST	PT2
UNIT 8 - Pronouns	AUGUST	PT2
UNIT 9 - Verbs	AUGUST	PT2
UNIT 10 - Adverbs	AUGUST	PT2
UNIT 11 - Sentences	SEPTEMBER	PT2
UNIT 12 - Verbs	SEPTEMBER	PT2
UNIT 13 - Adjectives	SEPTEMBER	PT2
UNIT 14 - Sentences	OCTOBER	PT2
UNIT 15 - Verbs	OCTOBER	PT2
UNIT 16 - Adverbs	OCTOBER	PT2
UNIT 17 - Nouns	OCTOBER	PT2
UNIT 18 - Verbs	NOVEMBER	PT3
UNIT 19 - Paragraphs	NOVEMBER	PT3
UNIT 20 - Sentences	NOVEMBER	PT3
UNIT 21 - Pronouns	NOVEMBER	PT3
UNIT 22 - Verbs	DECEMBER	PT3
UNIT 23 - Adverbs	DECEMBER	PT3
UNIT 24 - Nouns	DECEMBER	PT3
UNIT 25 - Sentences	DECEMBER	PT3
UNIT 26 - Nouns	January	AT
UNIT 27 - Adverbs	January	AT
UNIT 28 - Paragraphs	January	AT

	GRADE 4 - MATH					
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Unit		Lesson number	Lesson title	Power Up specifics	Month	
Unit 1	Place value – 4-digit numbers (1)	1	Numbers to 1,000	Children count in 50s on a number line to find the missing numbers.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	2	Rounding to the nearest 10	Children revise place value in 3-digit numbers by working out the hidden numbers behind splats on place value equipment.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	3	Rounding to the nearest 100	Children revisit place value in 3-digit numbers, and make 3-digit numbers using different place value equipment.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	4	Counting in 1,000s	Children match 3-digit numbers written out in words to representations in place value equipment.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	5	Representing 4-digit numbers	Children count forwards and backwards in multiples of 1,000.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	6	1,000s, 100s, 10s and 1s	Children use digit cards to create a 3-digit number, then use a number line to support rounding each one to the nearest 10 and nearest 100.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	7	The number line to 10,000 (1)	Children use digit cards to create a 4-digit number, then use a number line to support rounding each one to the nearest 10 and nearest 100.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	8	The number line to 10,000 (2)	Children recap rounding rules, then round 3-digit numbers up and down to the nearest 10 and 100.	June 2022	PT1
Unit 1	Place value – 4-digit numbers (1)	9	Roman numerals to 100	Children match 4-digit numbers written out in words to representations in place value equipment.	June 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	1	Finding 1,000 more or less	Children use the digits 7, 2, 5 and 8 to make numbers for certain criteria.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	2	Comparing 4-digit numbers (1)	Children identify missing digits in 4-digit numbers using written clues, working with multiples, rounding and prime numbers.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	3	Comparing 4-digit numbers (2)	Children choose a challenge to create a 4-digit number from 0–9 digit cards to meet criteria, such as closest to 2,000.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	4	Ordering numbers to 10,000	Children count forwards and backwards in 1,000s to find missing numbers.	July 2022	PT1

Unit 2	Place value – 4-digit numbers (2)	5	Rounding to the nearest 1,000	Children compare pairs of 4-digit numbers using $<$, $>$ and $=$, using a variety of pictorial representations and place value cards, within same 1,000 and different 1,000s.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	6	Solving problems using rounding	Children are given a number and a sign, then select a number from a pool to complete the equality or inequality. Could have more than one possible solution.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	7	Counting in 25s	Children generate a 4-digit number, then round to nearest 10, 100 and 1,000.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	8	Negative numbers (1)	Children generate a 4-digit number, then round to nearest 10, 100 and 1,000.	July 2022	PT1
Unit 2	Place value – 4-digit numbers (2)	9	Negative numbers (2)	Children complete a crossword with 4-digit number clues involving rounding and place value.	July 2022	PT1
Unit 3	Addition and subtraction	1	Adding and subtracting 1s, 10s, 100s, 1,000s	Children count in multiples of 25 on a number line.	July 2022	PT1
Unit 3	Addition and subtraction	2	Adding two 4-digit numbers (1)	Children create six 4-digit numbers from 4, 6, 5 and 9 then place in ascending order.	July 2022	PT1
Unit 3	Addition and subtraction	3	Adding two 4-digit numbers (2)	Children use two sets of 0–9 digit cards to create 4-digit numbers to be placed in a 4×4 grid.	July 2022	PT1
Unit 3	Addition and subtraction	4	Adding two 4-digit numbers (3)	Children use two sets of 0–9 digit cards to create 4-digit numbers to be placed in a 4×4 grid. Children identify all 4-digit numbers across rows, columns and diagonals then answer questions based on these numbers.	July 2022	PT1
Unit 3	Addition and subtraction	5	Subtracting two 4-digit numbers (1)	Children sort addition calculations into sorting circles to show which ones they would do mentally, and which ones to use the column method for.	July 2022	PT1
Unit 3	Addition and subtraction	6	Subtracting two 4-digit numbers (2)	Children identify patterns in addition and subtraction calculations (4 digits and 2 digits) to help solve the number sentences.	July 2022	PT1
Unit 3	Addition and subtraction	7	Subtracting two 4-digit numbers (3)	Children find patterns in addition and subtraction calculations with a focus on adding and subtracting multiples of 100 mentally.	July 2022	PT1

Unit 3	Addition and subtraction	8	Subtracting two 4-digit numbers (4)	Children sort subtraction calculations into sorting circles to show which ones they would do mentally, and which ones to use the column method for.	July 2022	PT1
Unit 3	Addition and subtraction	9	Equivalent difference	Children complete a crossword with clues involving the addition and subtraction of 4-digit numbers.	July 2022	PT1
Unit 3	Addition and subtraction	10	Estimating answers to additions and subtractions	Children complete number tracks to count backwards through 0 into negative numbers. Also count backwards in 2s.	July 2022	PT1
Unit 3	Addition and subtraction	11	Checking strategies	Children use the thermometer as a number line to complete addition and subtraction calculations given as word problems. Involves counting back through 0 to negative numbers.	July 2022	PT1
Unit 3	Addition and subtraction	12	Problem solving – addition and subtraction (1)	Children answer word problems for counting backwards and forwards through 0.	July 2022	PT1
Unit 3	Addition and subtraction	13	Problem solving – addition and subtraction (2)	Children estimate answer to additions and subtractions involving 4-digit numbers then complete number sentences with $<$, $>$ and $=$.	July 2022	PT1
Unit 3	Addition and subtraction	14	Problem solving – addition and subtraction (3)	Children complete a table to show inverse calculations for checking additions and subtractions with 4-digit numbers.	July 2022	PT1
Unit 3	Addition and subtraction	15	Problem solving – addition and subtraction (4)	Children identify the fact families for part-whole models partitioning 4-digit numbers into other 4-digit numbers.	July 2022	PT1
Unit 4	Measure – perimeter	1	Kilometres	Children identify the two steps of functions in a function machine, using 4-digit numbers, and are encouraged to check using the inverse.	August 2022	PT2
Unit 4	Measure – perimeter	2	Perimeter of a rectangle (1)	Children complete 2-step problems to create balanced calculations with both addition and subtraction.	August 2022	PT2
Unit 4	Measure – perimeter	3	Perimeter of a rectangle (2)	Children complete a multiplication grid to focus on instant recall of Year 2/Year 3 multiplication facts (2, 3, 4, 5, 8 and 10).	August 2022	PT2

Unit 4	Measure – perimeter	4	Perimeter of rectilinear shapes (1)	Children complete a multiplication grid with some products supplied but not all the numbers which are being multiplied, so children use recall of facts and division.	August 2022	PT2
Unit 4	Measure - perimeter	5	Perimeter of rectilinear shapes (2)	Children use multiplications up to the 12 times-table to balance calculations.	August 2022	PT2
Unit 5	Multiplication and division (1)	1	Multiplying by multiples of 10 and 100	Children complete a multiplication grid to make $\times 10$, $\times 100$ and $\times 1,000$ tables.	September 2022	PT2
Unit 5	Multiplication and division (1)	2	Dividing multiples of 10 and 100	Children complete a multiplication grid to make $\times 5$, $\times 50$ and $\times 500$ tables.	September 2022	PT2
Unit 5	Multiplication and division (1)	3	Multiplying by 0 and 1	Children balance scales linking multiplication facts to identify missing numbers.	September 2022	PT2
Unit 5	Multiplication and division (1)	4	Dividing by 1	Children balance scales linking multiplication facts, using $<$, $>$ and $=$ to identify missing numbers.	September 2022	PT2
Unit 5	Multiplication and division (1)	5	Multiplying and dividing by 6	Children balance scales linking times-table and division facts, using $<$, $>$ and $=$ to identify missing numbers.	September 2022	PT2
Unit 5	Multiplication and division (1)	6	6 times-table	Children multiply given numbers by 8 then use sorting circles to show which calculations have a remainder.	September 2022	PT2
Unit 5	Multiplication and division (1)	7	Multiplying and dividing by 9	Children use sorting circles to show which numbers are divisible by 5 and 6 (no remainders).	September 2022	PT2
Unit 5	Multiplication and division (1)	8	9 times-table	Children throw darts to be given a number and then an operation: divide by 1, multiply by 1, divide by itself.	September 2022	PT2
Unit 5	Multiplication and division (1)	9	Multiplying and dividing by 7	Children choose a number between 1 and 9. This is the remainder. They write a division statement to give this remainder.	September 2022	PT2
Unit 5	Multiplication and division (1)	10	7 times-table	Children count in multiples of 3, 6 and 9, comparing patterns, using one to support the other.	September 2022	PT2
Unit 5	Multiplication and division (1)	11	11 and 12 times-tables	Children count up in 7s to find missing numbers on number tracks.	September 2022	PT2
Unit		Lesson number	Lesson title	Power Up specifics		
Unit 6	Multiplication and division (2)	1	Problem solving – addition and multiplication	Children are given a section of 12×12 multiplication grid to complete, with products supplied but not multipliers, in order to work out what numbers different shapes represent.	October 2022	PT2

Unit 6	Multiplication and division (2)	2	Problem solving – mixed problems	Children complete crossword for multiplication facts focusing on 6, 7, 9, 25 and 1,000 times-tables	October 2022	PT2
Unit 6	Multiplication and division (2)	3	Using written methods to multiply	Children use digit cards to find solutions to $3 \times 10 + 2 = 50$.	October 2022	PT2
Unit 6	Multiplication and division (2)	4	Multiplying a 2-digit number by a 1-digit number	Children use digit cards to find solutions to $33 \times 3 = 100$.	October 2022	PT2
Unit 6	Multiplication and division (2)	5	Multiplying a 3-digit number by a 1-digit number	Children use digit cards to create 2-digit or 3-digit by 1-digit column multiplications.	October 2022	PT2
Unit 6	Multiplication and division (2)	6	Problem solving – multiplication	Children find missing digit or digits in 2- or 3-digit by 1-digit column multiplications.	October 2022	PT2
Unit 6	Multiplication and division (2)	7	Multiplying more than two numbers (1)	Children use function machines to multiply by 10 or 100, and observe how the numbers change once they've been through the machine.	October 2022	PT2
Unit 6	Multiplication and division (2)	8	Multiplying more than two numbers (2)	Children use function machines to divide by 10 or 100, and observe how the numbers change once they've been through the machine.	October 2022	PT2
Unit 6	Multiplication and division (2)	9	Problem solving – mixed correspondence problem	Children use digit cards to find what is the largest/smallest/closest to 500 they can make using format $3 \times 100 + \dots =$.	October 2022	PT2
Unit 6	Multiplication and division (2)	10	Dividing a 2-digit number by a 1-digit number (1)	Children find all the factor pairs for 64.	October 2022	PT2
Unit 6	Multiplication and division (2)	11	Division with remainders	Children sort numbers into a two-way table to show which are even, odd, a square number and not a square number.	October 2022	PT2
Unit 6	Multiplication and division (2)	12	Dividing a 2-digit number by a 1-digit number (2)	Children play bingo with factors to numbers between 1 and 15.	October 2022	PT2
Unit 6	Multiplication and division (2)	13	Dividing a 2-digit number by a 1-digit number (3)	Children solve a word problem concerning integer scaling.	October 2022	PT2
Unit 6	Multiplication and division (2)	14	Dividing a 3-digit number by a 1-digit number	Children use dice to randomly choose numbers to first multiply and then add in an attempt to make a total of 24.	October 2022	PT2
Unit 6	Multiplication and division (2)	15	Problem solving – division	Children roll four dice and have a target of getting 50 by carrying out two multiplications and an addition.	October 2022	PT2
Unit 7	Measure – area	1	What is area?	Children choose 1-digit numbers and one of the four operations to make a total of 72.	November 2022	PT3

Unit 7	Measure – area	2	Counting squares (1)	Children build numbers from a range of ones, tens, hundreds and thousands to make the largest and smallest possible numbers.	November 2022	PT3
Unit 7	Measure – area	3	Counting squares (2)	Children use clues of 4-digit numbers written out in words to complete a grid.	November 2022	PT3
Unit 7	Measure – area	4	Making shapes	Children explore a range of numbers which can be rounded to 3,000 and look at rounding to nearest 10, 100 and 1,000.	November 2022	PT3
Unit 7	Measure – area	5	Comparing area	Children identify a number or range given rounding clues.	November 2022	PT3
Unit 8	Fractions (1)	1	Tenths and hundredths	Children identify missing numbers on a number line when 0 is marked in the middle of the line.	November 2022	PT3
Unit 8	Fractions (1)	2	Hundredths	Children revise tenths, counting up and down a fraction number line to find the missing numbers.	November 2022	PT3
Unit 8	Fractions (1)	3	Equivalent fractions (1)	Children identify how many hundredths different shapes represent by using a 100 square.	November 2022	PT3
Unit 8	Fractions (1)	4	Equivalent fractions (2)	Children focus on equivalence between tenths and hundredths.	November 2022	PT3
Unit 8	Fractions (1)	5	Simplifying fractions	Children find equivalent fractions using a fraction wall.	November 2022	PT3
Unit 8	Fractions (1)	6	Fractions greater than 1 (1)	Children find the odd one out with equivalent fractions.	November 2022	PT3
Unit 8	Fractions (1)	7	Fractions greater than 1 (2)	Children identify which image does not show 3 and explain their reasoning.	November 2022	PT3
Unit 9	Fractions (2)	1	Adding fractions	Children show equivalent improper fractions for $\frac{32}{6}$.	December 2022	PT3
Unit 9	Fractions (2)	2	Subtracting fractions (1)	Children complete fraction additions with a variety of fractions but all within 1.	December 2022	PT3
Unit 9	Fractions (2)	3	Subtracting fractions (2)	Children complete fraction additions, including improper fractions and mixed numbers.	December 2022	PT3
Unit 9	Fractions (2)	4	Problem solving – adding and subtracting fractions (1)	Children complete fraction subtractions, including a word problem.	December 2022	PT3
Unit 9	Fractions (2)	5	Problem solving – adding and subtracting	Children complete fraction subtractions, including improper fractions and mixed numbers.	December 2022	PT3

Unit 9	Fractions (2)	6	Calculating fractions of a quantity	Children find the missing digits in 2- and 3-digit number column additions.	December 2022	PT3
Unit 9	Fractions (2)	7	Problem solving – fraction of a quantity (1)	Children find the missing digits in 2- and 3-digit number column additions.	December 2022	PT3
Unit 9	Fractions (2)	8	Problem solving – fraction of a quantity (2)	Children find the missing digit in a 3-digit number minus a 2- or 3-digit number column subtraction.	December 2022	PT3
Unit 10	Decimals (1)	1	Tenths (1)	Children find the missing digits in a 3-digit number minus 2- or 3-digit number column subtractions with exchanges.	December 2022	PT3
Unit 10	Decimals (1)	2	Tenths (2)	Children are given subtractions to check if they are correct and are encouraged to use the inverse.	December 2022	PT3
Unit 10	Decimals (1)	3	Tenths (3)	Children are given addition calculations and use the inverse to check they are correct.	December 2022	PT3
Unit 10	Decimals (1)	4	Dividing by 10 (1)	Children explore the relationship between 3, 6, 9 and 12 times-tables.	December 2022	PT3
Unit 10	Decimals (1)	5	Dividing by 10 (2)	Children explore the relationship between 2, 4, 8 and 12 times-tables.	December 2022	PT3
Unit 10	Decimals (1)	6	Hundredths (1)	Children multiply three numbers together by finding the product of one multiplication first, then completing the calculation.	December 2022	PT3
Unit 10	Decimals (1)	7	Hundredths (2)	Children are given 144 and 360 as totals and work out which three numbers they would multiply to make that product.	December 2022	PT3
Unit 10	Decimals (1)	8	Hundredths (3)	Children re-write 2-digit number multiplied by 1-digit number calculations to solve using place value and also using the distributive law.	December 2022	PT3
Unit 10	Decimals (1)	9	Dividing by 100	Children partition multiplications to make them more efficient to solve.	December 2022	PT3
Unit 10	Decimals (1)	10	Dividing by 10 and 100	Children write 1- and 2-digit numbers using Roman numerals.	December 2022	PT3
Unit		Lesson number	Lesson title	Power Up specifics		
Unit 11	Decimals (2)	1	Making a whole	Children convert numbers in Roman numerals to Arabic numerals.	January 2023	AT
Unit 11	Decimals (2)	2	Writing decimals	Children find out how many Roman numerals each number uses from 1 to 30 and look for a pattern.	January 2023	AT

Unit 11	Decimals (2)	3	Comparing decimals	Children spot and correct mistakes in formal 4-digit number addition and subtraction calculations.	January 2023	AT
Unit 11	Decimals (2)	4	Ordering decimals	Children spot and correct mistakes in formal 3-digit number by 1- or 2-digit number multiplications.	January 2023	AT
Unit 11	Decimals (2)	5	Rounding decimals	Children use four digit cards to form numbers with 1 decimal place, then order from smallest to largest.	January 2023	AT
Unit 11	Decimals (2)	6	Halves and quarters	Children use four digit cards to form numbers with 2 decimal places, then order from smallest to largest.	January 2023	AT
Unit 11	Decimals (2)	7	Problem solving – decimals	Children have three digit cards and a decimal point to make some numbers with 1 or 2 decimal places. They then round to nearest whole number.	January 2023	AT
Unit 12	Money	1	Pounds and pence	Children spot and correct mistakes in rounding up to 4-digit numbers to 10, 100 and 1,000. Includes litres and kilograms.	January 2023	AT
Unit 12	Money	2	Pounds, tenths and hundredths	Children represent numbers with 2 decimal places using Base 10 equipment.	January 2023	AT
Unit 12	Money	3	Ordering amounts of money	Children represent prices with 2 decimal places using Base 10 equipment, then place in ascending order.	January 2023	AT
Unit 12	Money	4	Rounding money	Children work out total bills for café orders using multiplication and addition with decimal numbers.	January 2023	AT
Unit 12	Money	5	Using rounding to estimate money	Children are given different lengths and find total length using multiplication and division with decimal and whole numbers.	February 2023	AT
Unit 12	Money	6	Problem solving – pounds and pence	Children find total masses using multiplication and addition with decimal and whole numbers.	February 2023	AT
Unit 12	Money	7	Problem solving – multiplication and division	Children solve word problems to work out total volumes using multiplication and addition with decimal and whole numbers.	February 2023	AT
Unit 12	Money	8	Solving two-step problems	Children find fractions of money in pounds and pence.	February 2023	AT
Unit 12	Money	9	Problem solving – money	Children find fractions of lengths in centimetres, metres and kilometres, with whole numbers and to 1 decimal place.	February 2023	AT

Unit 13	Time	1	Units of time (1)	Children find fractions of masses in grams and kilograms, with whole numbers or to 1 decimal place.	February 2023	AT
Unit 13	Time	2	Units of time (2)	Children find fractions of capacities in millilitres and litres, with whole numbers and to 1 decimal place.	February 2023	AT
Unit 13	Time	3	Converting times (1)	Children use four digit cards to make an amount in millilitres, then rearrange cards to make a second amount to add to the first amount. Then convert into litres and millilitres.	February 2023	AT
Unit 13	Time	4	Converting times (2)	Children use four digit cards to make an amount in grams. Then rearrange cards to make a second amount to add to the first amount. Then convert into kilograms and grams.	February 2023	AT
Unit 13	Time	5	Problem solving – units of time	Children use four digit cards to make an amount in pence. Then rearrange cards to make a second amount to add to the first amount. Then convert into pounds and pence.	February 2023	AT
Unit 14	Statistics	1	Charts and tables (1)	Children find total number of minutes for a journey given in hours and minutes.	February 2023	AT
Unit 14	Statistics	2	Charts and tables (2)	Children count back in 2s, then 5s, from 20 to -20 and explore numbers in the count.	February 2023	AT

	GRADE 4 SCIENCE		
SOLIDS, LIQUIDS	ARE THEY SOLIDS, LIQUIDS OR GASES	JUNE	PT1
GASES	PARTICLES		
	LIQUIDS		
	GASES		
	HEATING MATERIALS		
	HEATING LIQUIDS	JULY	PT1
	INVESTIGATING MELTING		
	MELTING AND FREEZING		
	GETTING THE WATER BACK		
	THE WATER CYCLE		
UNIT-2			
HABITATS	EQUIPMENT FOR INVESTIGATING HABITATS		
	INVESTIGATING A LOCAL HABITAT		
	PRESENTING DATA ABOUT LOCAL HABITATS	AUGUST	PT2
	IDENTIFICATION KEYS FOR ANIMALS		
	IDENTIFICATION KEYS FOR PLANTS		
	FOSSIL FUELS		
	AIR POLLUTION		
	RIVER POLLUTION		
	NATURAL DISASTERS-TSUNAMI	SEPTEMBER	PT2
	NATURAL DISASTERS – VOLCANOES		
	NATURAL DISASTERS – EARTHQUAKES		
UNIT-3			
DIGESTION AND	BREAKING DOWN FOOD		
CHAINS	ABSORBING NUTRIENTS		
	TEETH		
	TASTE		
	SORTING FOOD INTO GROUPS	OCTOBER	PT2
	UNHEALTHY FOODS		
	LOOKING AFTER TEETH		
	FOOD CHAINS		
	MAKING FOOD WEBS		
	GREEN PLANTS AND SUN LIGHTS		
	PASSING ENERGY ALONG		
	PRODUCERS AND CONSUMERS		
	PREDATORS AND PREY		
UNIT-4	TOPICS		
ELECTRICITY	ELECTRICITY SUPPLY	NOVEMBER	PT3

	MAKING CIRCUITS		
	PARTS OF SIMPLE SERIES CIRCUITS		
	MORE ELECTRICAL COMPONENTS		
	USING SWITCHES		
	MAKING CIRCUITS WITH SWITCHES		
	ELECTRICAL CURRENT FLOWS		
	CONDUCTORS AND INSULATORS		
	DANGERS OF ELECTRICITY		
UNIT-5	TOPICS		
SOUNDS	HOW SOUNDS ARE MADE	DECEMBER	PT3
	OBSERVING AND MEASURING SOUND		
	HOW DOES SOUNDS TRAVEL TO OUR EARS?		
	INVESTIGATING HOW SOUND TRAVELS		
	HOW CAN WE MAKE SOUNDS LOUDER?		
	SOME MATERIALS STOP SOUND TRAVELLING		
	INVESTIGATING WAVE PATTERNS OF SOUND		
	INVESTIGATING THE VOLUME OF SOUNDS		
	MAKING MUSIC		
	INVESTIGATING GRAVITY,MASS AND WEIGHT		
	MEASURING MASS AND WEIGHT		
	INVESTIGATING FORCES		
	INVESTIGATING MAGNETISM AND FLOATING		
	BALANCED AND UNBALANCED FORCES		
	ENERGY TRANSFERS		
	INVESTIGATING FRICTION		
	FRICTION AND AIR RESISTANCE		
	FRICTION AND WATER RESISTANCE		
	INVESTIGATING SIMPLE MACHINES		
	USING LEVER AS A FORCE MULTIPLIER		

GRADE 4 KANNADA		
1. ಕನ್ನಡ ನಾಡು 2. ಒಗ್ಗಟ್ಟಿನ ಕೆಲಸ 3. ಇಲಿಯು ಮತ್ತೆ ಇಲಿಯಾದ ಕಥೆ 4. ಮಂಗನ ಮದುವೆ	ಜೂನ್	
Description ಭಾಗ -2	ಜೂನ್	
ಸಾವಿರ ಕಂಬಗಳಾಗೋಣ	ಜುಲೈ	PT-1
ಜೀವ ದಯೆ	ಆಗಸ್ಟ್	PT-2
ಹಂಚಿ ತಿನ್ನೋಣ	ಆಗಸ್ಟ್	PT-2
ಹಲ್ಲು ತಪಾಸಣೆ	ಆಗಸ್ಟ್	PT-2
ನನ ಕಂದ	ಸೆಪ್ಟೆಂಬರ್	PT-2
ಸಹನೆ	ಸೆಪ್ಟೆಂಬರ್	PT-2
ಹಣ್ಣು ಕಾಯಿ ಮದುವೆ	ಅಕ್ಟೋಬರ್	PT-3
ಸಲೀಂ ಅಲಿ	ನವೆಂಬರ್	PT-3
ಪುಟ್ಟನ ಗಾಳಿ ಪಟ	ನವೆಂಬರ್	PT-3
ರಜಾ ಪತ್ರ	ಡಿಸೆಂಬರ್	PT-3

GRADE 4 ARABIC LANGUAGE PORTIONS 2022-23		
SUBJECT TEACHER : Mujahid-ul-Islam		
MADINAH ARABIC READER BOOK 2	Month	Assessment
Lesson No. 1 & 2 Page No. 5,6 & 8 to 12	July	PT1
Vocabulary page No . 14		
Activity (The House)		
Lesson No. 3, Page No 15 to 20	August	PT2
(Baa) Page No. 25 to 28		
Vocabulary Page No. 24 & 30		
Lesson No. 3 (jeem) Page No .31 to 33 & Lesson No. 4 Page No. 35 to 39	September	PT2
Vocabulary Page No 42		
Lesson No. 5 & 6 Page No.43 to 46 & 49 to 52	October	PT2
Vocabulary Page No. 48 &54		
Lesson No. 7 & 8 Page No.55 to 62	November	PT3
Vocabulary Page No 58 & 64		
Lesson No.9 & 10 page No.65 to 67 & 71 to 74	December	PT3
Vocabulary page no . 70 & 75		
Lesson No. 11, 12 & 13	January	AT
Page No. 76 to 79 & 84 to 87		
Vocabulary Page No.78 & 83 & 87		

Class Teacher: Saba Tabassum - GRADE 4			
1	हिन्दी वर्ण माला	JUNE	PT1
2	द्विवृत्त व्यंजन	JUNE	
3	लालची कुत्ता	JULY	
4	संयुक्त व्यंजन	JULY	
	खान - पान अच्छीसंबंधी आदतें	JULY	
	गिनती 1-10	JULY	
			PT2
5	र के विभिन्न प्रयोग	AUGUST	
6	एक अनेक - हमारे साथी	AUGUST	
7	मैं, तुम, आप, हम	AUGUST	
8	सुंदर बगीचा - विशेषता पहचानो	AUGUST	
9	शैला के दोस्त - पशु पक्षी और उनके बच्चे	SEPTEMBER	
10	गीत - कविता	SEPTEMBER	
	गिनती 1-30	OCTOBER	
			PT3
11	बड़ा कौन ?	NOVEMBER	
12	मोड़ और पतलू	NOVEMBER	
13	सब करते अपना -अपना काम	NOVEMBER	
	कुछ क्रियाएँ	NOVEMBER	
	बुनो कहानी, सुनो कहानी	DECEMBER	
14	गिनती	DECEMBER	
15	चलो पिकनिक मनाएँ	DECEMBER	
	गिनती 1-40	DECEMBER	

ISLAMIC STUDIES - 4			ASSESSMENT
	Module 1	June	PT1
1	There is only one Lord - Allah	June	PT1
2	Tahaarah(Ritual Purity)	June	PT1
3	Cleanliness	July	PT1
4	Prophet Muhammad (part -1)	July	PT1
5	Surat - ul - Asr	July	PT1
6	The Greeting of Islam	July	PT1
7	Remembrance of Allah after Salah	July	PT1
8	Said the prophet	July	PT1
	Module 2		
9	Allah has knowledge of All Things	August	PT2
10	Conditions of Salah	August	PT2
11	The Pillars of Salah	August	PT2
12	Prophet Muhammad (part -2)	August	PT2
13	Surat - ul- Feel	August	PT2
14	Zakah - The purifying Dues	Sep	PT2
15	Halaal and Haraam Foods and Drinks	Sep	PT2
16	Zayd ibn Haarithah	Sep	PT2
	Module 3		
17	Ar- Rahmaan Ar- Raheem	Oct	PT2
18	The Obligatory acts of Salah	Oct	PT2
19	The Sunan acts of Salah	Oct	PT2
20	Prophet Muhammad (part- 3)	Nov	PT2
21	Surat - un - Nasr	Nov	PT2
22	Eid - ul - Fitr	Nov	PT2
23	Hajj and Eid - ul- Adha -haa	Nov	PT3
24	Fatimah bint Muhammad	Nov	PT3
	Module 4		
25	The Quran	Dec	PT3
26	Fasting (Sawm)	Dec	PT3
27	The Fast of Ramadan	Dec	PT3
28	Prophet Muhammad (part 4)	Dec	PT3
29	Surat - ul - Masad	Dec	PT3
30	Reward and punishment	Dec	PT3
31	Umm Ayman	Dec	PT3

GRADE 4 COMPUTING PORTIONS 2022-23 (BOOK 3)

1	The nature of technology: Digital devices	AUGUST	PT2
	1.1 Digital devices		
	1.2 The parts of a computer		
	1.3 Mobile devices		
	1.4 Computers at work		
	1.5 How computers help		
	1.6 Making good choices		
2	Digital literacy: Explorers	AUGUST	PT2
	2.1 Communicating		
	2.2 What does an email look like		
	2.3 Send an email		
	2.4 Open an email		
	2.5 Attachments		
	2.6 Staying safe		
3	Computational thinking: Turning inputs into outputs	SEPTEMBER	PT2
	3.1 Program output		
	3.2 Program input		
	3.3 Turn input into output		
	3.4 Simple maths		
	3.5 Plan and do		
	3.6 Inputs forever		
4	Programming: The Drawing Bug	OCTOBER	PT2
	4.1 Draw with a pen		
	4.2 Making changes		
	4.3 How many steps?		
	4.4 How many degrees?		
	4.5 Find and fix errors		
	4.6 Error challenge		
5	Multimedia: Storyland	NOVEMBER	PT3
	5.1 Tell a story		
	5.2 Write a story		
	5.3 Add images		
	5.4 Correct a document		
	5.5 Add animations		
	5.6 Looking great		
6	Numbers and data: Sunflowers	DECEMBER	PT3
	6.1 Make a spreadsheet		

	6.2 Make a line chart		
	6.3 Improve the chart		
	6.4 Calculate growth		
	6.5 Compare plants		
	6.6 Understand values		