



Unit	Week No.	Content/ Grammar	Reading/ Phonics	Projects / Graded Assignments	Exam Content	Government Objectives
1. Numbers and Operations I		NUMBER AND OPERATION		Workbook : pages 1-10 (5 points) Gov't. Obj. 1&2	(10points) * Writing numbers in Hindu-Arabic and words *Recognizing place values and writing numbers in expanded form (Midterm Test) *Comparing and ordering numbers up to 100,000 (10points)	Strand 1: Standard M1.1 1. Write and read Hindu-Arabic and Thai numerals and written forms showing quantity of objects or cardinal numbers not exceeding 100,000 and 0. 2. Compare and arrange sequence of cardinal numbers not exceeding 100,000 and 0.
		Numbers up to 100,000	Hindu-Arabic, Place value, Ones, Tens, Hundreds, Thousands, Ten Thousands, Hundred Thousands			
	1	Reading and writing numbers in numerals and words	Expanded form			
	2	Recognizing place values and writing numbers in expanded form	Compare, Less than, Greater than, Equal			
		Comparing numbers	Order, Increasing, Decreasing			
		Ordering numbers up to 100,000				
		Learning Activities:				
2. Numbers and Operations I		NUMBER AND OPERATION		Workbook : pages 15-21 (5 points) Gov't. Obj. 4	* Recognizing sequence in increasing, decreasing and repeated number patterns. (10points)	Strand 4: Standard M4.1 3. Tell the numbers and relations in patterns of numbers that increases by 3s, 4s, 25s and 50s, and decreases by 3s, 4s, 5s, 25s and 50s and in repeated patterns. 4. Identify the forms and relations in patterns in which forms are related in two of the following respects: shape, size or colour.
		Patterns	Patterns			
	3	Recognize sequences in increasing numbers	Sequences			
		Recognize sequences in decreasing numbers	Increase			
	4	Recognize sequences in repeated number patterns	Decrease			
		Figure patterns				
3. Numbers and Operations I		NUMBER AND OPERATION		Workbook: pages 25-31 (5 points) Gov't. Obj. 5	* Adding two and three numbers up to 100,000 * Solving word problems using addition. (10points)	Strand 1: Standard M1.2 5. Add, subtract and mix addition and subtraction of cardinal numbers not exceeding 100,000, and 0, as well as be aware of validity of the answers. 6. Apply diverse methods for problem-solving. 7.
		Addition up to 100,000	Addition			
	5	Adding two numbers up to 100,000	Addends			
	6	Solving word problems	Sum			
		Learning Activities:	Number Sentence			
4. Numbers and Operations I		NUMBER AND OPERATION		Workbook: pages 39-45 (5 points) Gov't. Obj. 7	* Subtracting two numbers up to 100,000 * Solving word problems using subtraction (10points)	Appropriately apply mathematical knowledge, skills and processes for problem-solving in various situations.
		Subtraction up to 100,000	Subtraction			
	7	Subtraction of two numbers	Minuend			
	8	Relationship between addition and subtraction	Subtrahend			
	9	Solving word problems	Difference			
		Learning Activities:				



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Review for Midterm	10	REVIEW FOR MIDTERM TEST				
		Numbers up to 100,000			1. Writing numbers in Hindu-Arabic and words 2. Recognizing place values and writing numbers in expanded form 3. Comparing and ordering numbers up to 100,000	
		Patterns			1. Recognizing sequence in increasing, decreasing and repeated number patterns.	
		Addition up to 100,000			1. Adding two and three numbers up to 100,000 2. Solving word problems using addition	
		Subtraction up to 100,000			1. Subtracting two numbers up to 100,000 2. Solving word problems using subtraction	
	11	Mid - Term Examination				
5. Measurements		MEASUREMENT		Workbook: pages 55-63 (5 points) Gov't. Obj. 9	* Measuring and comparing length, height and distance. * Converting unit of length. * Word problems (10points)	Strand 2: Standard M2.1 and M2. 2
		Length	Length			8. Tell length in metres, centimetres and millimetres by using appropriate measuring tools, and compare length. 9. Solve problems involving measurement of length, weight, volume, money and time.
	12	Measuring length, height and distance	Height			
		Converting units of length,heights and distances	Distance			
	13	Estimating length,height and distance	Convert			
		Solving word problems	Unit			
		Learning Activities:				



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6. Measurements		MEASUREMENT		Workbook: pages 69-77	* Measuring weight and converting units * Comparing weight Word problems (5 points) Gov't. Obj. 10	Strand 2: Standard M2.1
		Weight	Weight			* 10. Tell weight in kilograms and grams by using appropriate weighing machine, and compare weights.
	14	Measuring weight	Heavier			
		Converting units	Lighter			
		Comparing weights	Estimate			
		Estimating weights	Measure			
		Learning Activities:				
7. Numbers and Operation		*Multiplication*	Multiplication	Workbook: pages 1-11	* Multiplying 1 digit number by 2 digit and 3 digit numbers. * Solving word problems using multiplication (5 points) Gov't. Obj. 11	
	15	Multiplying 1 digit by 2 digit numbers.	Multiplicand			11. Suitably provide reasoning for decision-making and appropriately present the conclusions reached.
		Multiplying 1 digit by 3 digit numbers.	Multiplier			
		Multiplying 2 digit numbers	Product			
	16	Solving word problems				
		Learning Activities:				
7. Numbers and Operation		*Division*	Division	Workbook: pages 19-25	* Dividing 2 digit and 3 digit numbers by 1 digit number. * Solving word problems using division (10 points) Gov't. Obj. 11	* Solve one and two step word problem involving multiplication and division.
	17	Theory of division	Dividend			* Divide 2 to 3 digit numbers by 1 digit divisor
	18	Division methods	Divisor			
	19	Solving word problems	Quotient			
		Learning Activities:				



Unit	Week No.	Content/ Grammar	Reading/ Phonics	Projects / Graded Assignments	Exam Content	Government Objectives
Review for Final Exam	20	REVIEW FOR FINAL EXAM				
		1. Weights a. Measuring Weights b. Converting Weight c. Comparing weight			* Measuring weight and converting units * Comparing weight * Word problems	
		1. Multiplication a. Multiplying 1 digit by 2 digit and 3 digit numbers b. Word Problems using Multiplication			* Multiplying 1 digit number by 2 digit and 3 digit numbers. * Solving word problems using multiplication	
		1. Division a. Theory of Division b. Division Methods c. Word Problems using Division			* Dividing 2 digit and 3 digit numbers by 1 digit number. * Solving word problems using division	