OGUN STATE GOVERNMENT

CREATIVE SCHEME OF WORK (PRIMARY)

SUBEJCT: MATHEMATICS **CLASS: PRY 6** **TERM: 1ST TERM**

WEEKS	TOPIC	ACTIVITIES OF EACH DAY	STARTER	OUTCOMES OF EACH DAY
WEEK 1	Whole Numbers	DAY 1: Counting reading and writing numbers in millions	Practice using chart for counting in millions	Count in millions and billions
		Day 2: Counting reading and writing numbers in billions	Place value of numbers	Write and read up to one millions
		Day 3: Counting and reading numbers in trillions	Place value of numbers	Solve problem involving quantitative reasoning
		Day 4: Finding place value and value of any digit in any given whole number	Place value of numbers	Give the place value and the value of a digit in a given whole number
		Day 5: Writing numbers up to trillions in words and figure	Place value of numbers	Identify numbers in place value.
WEEK 2	Addition and Subtraction (Whole Number)	DAY 1: Addition and Subtracting three 4 digits whole number	Counting in thousands	Subtract any set of numbers
		Day 2: Adding 5 and 6-digit whole number	Counting in ten thousand	Solve problems on addition of whole numbers
		Day 3: Subtracting 5 and 6 whole number	Counting in ten thousand	Solve problems on subtraction of whole number
		Day 4: Solving mixed operation problems on addition and subtraction	Adding and subtracting the number of Boys and girls in the class	Solve word problems involving additions and subtraction of whole numbers
		Day 5: Solving word problems on addition and subtraction of whole number	Reflection	Brainstorming to arrive at a formula to solve quantitative aptitudes
WEEK 3		DAY 1: Multiplying 1 digit and 2-digit whole number by a 1-digit whole number	Recite multiplication table	Multiply 1 digit and 2-digit whole number by a 2-digit whole number

	Multiplication of whole number	Day 2: Multiplying a 3-digit whole number by multiples of tens and hundreds	Recite multiplication table	Multiply 3-digit whole number by multiples of tense and hundreds
		Day 3: Multiplying a 3-digit whole number by a 3-digit whole number	Recite multiplication table	Multiply a 3-digit whole number by a 3-digit whole number
		Day 4: Word problems on multiplication of whole numbers	Recite multiplication table	Brainstorm and calculate to solve a problem
		Day 5: Quantitative reasoning excise on multiplication on whole numbers	Recite multiplication table	Solve quantitative reasoning numbers
WEEK 4	Division	DAY 1: Division of whole numbers by 2-digit and 3-digit numbers	Recite multiplication table	Competence in sharing things accurately
		Day 2: Dividing 4 and 5-digit whole numbers by 2-digit whole number	Recite multiplication table	Divide 4 and 5-digit whole numbers by 2- digit
		Day 3: Dividing 5 and 6-digit numbers by 3-digit number correctly	Recite multiplication table	Divide 5 and 5-digit whole number correctly
		Day 4: Dividing decimals 2 and 3 whole numbers	Recite multiplication table	Divide decimals 2 and 3 whole number
		Day 5: Quantitative reasoning on division of decimal	Recite multiplication table	Ability to brainstorm to arrive at a formula to solve quantitative reasoning
WEEK 5	Decimals	DAY 1: Writing decimals in expanded form	Practice using chart for counting in millions	Solve problems with quantitative reasoning with value and place value
		Day 2: Identifying the place value and value of any digit in a decimal	Practice using place value chart	Give the value and place value for digit in a decimal fractions
		Day 3: Writing decimals in words and figures	Display place value of numbers chart	Order given decimals
		Day 4: Comparing and ordering decimals	Display place value of numbers chart	Write decimals in word and figures
		Day 5: Solve problems with quantitative reasoning with value and place value	Display place value of numbers chart	Solve problems with quantitative reasoning with value and place value
WEEK 6		DAY 1: Writing fraction in its equivalent form	Chart showing objects of the same proportion but different fraction	Express fractions in its equivalent form

	Fraction	Day 2: Simplifying fractions in its lowest term	Chart showing objects of the same proportion but different fraction	Simplifying fractions
		Day 3: Comparing and ordering fractions	Chart showing objects of the same proportion but different fraction	Compare and order fraction
		Day 4: Changing fractions to decimals and vice versa	Chart showing objects of the same proportion but different fraction	Express fraction as decimal and vice versa
		Day 5: Finding fractions of quantities	Chart showing objects of the same proportion but different fraction	Find the fractions of quantities
WEEK 7	Percentage	DAY 1: Recognizing the idea of percentage	Count the number of boys and girls in the class	Express one number as a percentage of another
		Day 2: Expressing numbers as a percentage of other number	Count the number of boys and girls in the class	Calculate numbers expressed as percentage of another
		Day 3: Expressing population as a percentage of another population	Count the number of boys and girls in the class	Express one population as a percentage of another
		Day 4: Finding numbers expressed as percentage	Putting data of bags in the class together	Express data in percentages
		Day 5: Quantitative exercise on problems of percentage	Reflection	Brainstorm and solve a word problem
WEEK 8	Highest Common Factor Lowest Common Multiple	DAY 1: Finding common factors of 2-digit whole number	Recite Multiplication table	Find the factors of given whole numbers
		Day 2: Finding the HCF of 2-digit whole numbers	Recite Multiplication table	Find the HCF of given whole number
		Day 3: Finding common multiple of 2-digit whole numbers	Recite Multiplication table	Solve some quantitative aptitude problems involving HCF
		Day 4: Finding the LCM of 2-digit whole numbers	Recite Multiplication table	Find the common multiple of given numbers
		Day 5: Finding common factors of 2-digit whole number	Recite Multiplication table	Solve some quantitative aptitude problems involving LCM
WEEK 9	Ratio	DAY 1: Meaning of ratio	Sharing items among learners	Define ratio
		Day 2: Simplifying ratio in its lowest term	Division of numbers	Solve problems on ratio

		Day 3: Applying ratio to real life situation	Sharing items among learners	Apply ratio to real life situations
		Day 4: Finding ratio of family size to their resources	Sharing family sizes of learners	Find ratio of family size and resources
		Day 5: Quantitative exercise on ratio	Reflection	Give examples of everyday activities that demand application of ratio
WEEK 10	Shapes			

OGUN STATE GOVERNMENT

CREATIVE SCHEME OF WORK (PRIMARY)

SUBEJCT: MATHEMATICS **CLASS: PRY 6** **TERM: 2ND TERM**

WEEKS	TOPIC	ACTIVITIES OF EACH DAY	STARTER	OUTCOMES OF EACH DAY
WEEK 1	Addition and Subtraction (Whole Number)	DAY 1: Addition and Subtracting three 4 digits whole number	Counting in thousands	Subtract any set of numbers
		Day 2: Adding 5 and 6-digit whole number	Counting in ten thousand	Solve problems on addition of whole numbers
		Day 3: Subtracting 5 and 6 whole number	Counting in ten thousand	Solve problems on subtraction of whole number
		Day 4: Solving mixed operation problems on addition and subtraction	Adding and subtracting the number of Boys and girls in the class	Solve word problems involving additions and subtraction of whole numbers
		Day 5: Solving word problems on addition and subtraction of whole number	Reflection	Brainstorming to arrive at a formula to solve quantitative aptitudes
WEEK 2	Multiplication of whole number	DAY 1: Multiplying 1 digit and 2-digit whole number by a 1-digit whole number	Recite multiplication table	Multiply 1 digit and 2-digit whole number by a 2-digit whole number
		Day 2: Multiplying a 3-digit whole number by multiples of tens and hundreds	Recite multiplication table	Multiply 3-digit whole number by multiples of tense and hundreds
		Day 3: Multiplying a 3-digit whole number by a 3-digit whole number	Recite multiplication table	Multiply a 3-digit whole number by a 3-digit whole number
		Day 4: Word problems on multiplication of whole numbers	Recite multiplication table	Brainstorm and calculate to solve a problem
		Day 5: Quantitative reasoning excise on multiplication on whole numbers	Recite multiplication table	Solve quantitative reasoning numbers

WEEK 3	Division	DAY 1: Division of whole numbers by 2-digit and 3-digit numbers	Recite multiplication table	Competence in sharing things accurately
		Day 2: Dividing 4 and 5-digit whole numbers by 2-digit whole number	Recite multiplication table	Divide 4 and 5-digit whole numbers by 2- digit
		Day 3: Dividing 5 and 6-digit numbers by 3-digit number correctly	Recite multiplication table	Divide 5 and 5-digit whole number correctly
		Day 4: Dividing decimals 2 and 3 whole numbers	Recite multiplication table	Divide decimals 2 and 3 whole number
		Day 5: Quantitative reasoning on division of decimal	Recite multiplication table	Ability to brainstorm to arrive at a formula to solve quantitative reasoning
WEEK 4	Order of Operations Indices (Power)	DAY 1: Meaning of BODMAS to solving problems	Displaying the signs of BODMAS	Use basic operations in the right order
		Day 2: Order of BODMAS	Presenting a chart showing the order of operation	Solve quantitative aptitude involving BODMAS
		Day 3: Applying the rule of BODMAS in the right way	Presenting a chart showing the order of operation	Write numbers in index form
		Day 4: Expressing numbers in index form	Presenting a chart showing the order of operation	Solve problems involving powers (indices)
		Day 5: Multiplying numbers in index form	Presenting a chart showing the order of operation	Ability to multiply numbers in index form
WEEK 5	Addition and Subtraction (fraction and decimals	DAY 1: Identifying mixed numbers and improper fractions	Counting in thousands	Identify mixed numbers and improper fractions
		Day 2: Adding and subtracting mixed numbers	Counting in ten thousand	Add and subtract mixed numbers
		Day 3: Solving mixed operations of addition and subtraction of fraction	Brainstorming on a word problem	Solve mixed operations of addition and subtraction of fractions
		Day 4: Adding and subtracting decimals	Adding and reducing the liquid in a bottle	Add and subtract decimals
		Day 5: Solving word problems involving addition and subtraction of decimals	Reflection	Solve word problems involving addition and subtraction of decimals
WEEK 6	Multiplication of fractions and decimals Multiplication of fractions and decimals	Day 2: multiplying decimals by 2-digit number	Recite multiplication table	Multiply decimals by 2-digit numbers
		Day 3: Multiplying decimals by decimals	Recite multiplication table	Multiply decimal by decimal (to one decimal place)
		Day 4: Squares of number up to 500	Recite multiplication table	Calculate square of number up to 500

		Day 5: Square roots of perfect square 4, 9, 25, 100, 900	Recite multiplication table	Calculate the square roots of perfect square
WEEK 7	Decimal, Fraction and Percentage	DAY 1:		
		Day 2:		
		Day 3:		
		Day 4:		
		Day 5:		
WEEK 8	Perimeter and Area of a rectangle	Day 1: Reviewing work done on perimeters of plane shapes	Drawing different shapes	Stating formula for finding perimeter of shapes
		Day 2: Finding the perimeter of a rectangle	Reciting multiplication table	Calculating the perimeter of a rectangle
		Day 3: Finding the area of a rectangle	Reciting multiplication table	Identifying the area of a rectangular object
		Day 4: Identifying rectangles that have same areas but different perimeters	Reciting multiplication table	Identifying the perimeter of an object
		Day 5: Finding the perimeter of a rectangular shaped things	Reciting multiplication table	Identifying the area of a rectangular object
WEEK 9	Measurement			
WEEK 10		DAY 1: Solving open sentences	Revision of basic operation	Identify some daily line activities that are inversely related
		Day 2: Interpreting words in open sentence	Revision of basic operation	Solve problems on inverse proportion

	Algebraic Process	Day 3: Word problems in open sentences	Revision of basic operation	Solve problems on quantitative reasoning involving inverse proportion
		Day 4: Simultaneous Equation by the method of substitution	Revision of basic operation	Ability to solve simple simultaneous equation
		Day 5: Quantitative Reasoning exercise on Open sentences	Revision of basic operation	Finding the missing number in open sentences

OGUN STATE GOVERNMENT

CREATIVE SCHEME OF WORK (PRIMARY)

SUBEJCT: MATHEMATICS   **CLASS: PRY 6**   **TERM: 3RD TERM**

WEEKS	TOPIC	ACTIVITIES OF EACH DAY	STARTER	OUTCOMES OF EACH DAY
WEEK 1	Capacity	Day 1: Doing some conversions involving units of a capacity	Reciting the measuring unit of capacity	Studying the measuring unit of capacity
		Day 2: Identifying the relationship between capacity and volume	Picking objects that has capacity and volume	Understanding the difference between capacity and volume
		Day 3: Carrying out basic operations on capacity	Revising basic operations	Ability to carry out basic operations on capacity
		Day 4: Solving word problems on capacity	Reflection	Finding out the formulae to solve problems in capacity
		Day 5: Solving word problems on capacity	Reflection	Finding out the formulae to solve problems in capacity
WEEK 2	Area	Day 1: Finding the area of a right-angle triangle	Cutting out different types of triangle	Mastering the formula for finding the area of a right-angle triangle
		Day 2: Finding the area of compound shapes	Giving examples of compound shapes	Studying the formula for finding the area of shapes
		Day 3: Finding the area of parallelogram and trapezium	Cutting out a parallelogram and trapezium	Mastering the formula for finding the area of parallelogram and trapezium
		Day 4: Finding the area of land areas in hectares	Reading a chart containing football pitch	Transferring area knowledge to measure the areas of land
		Day 5: Solving word problems involving area in hectares	Reflection	Brainstorming on the method to use in solving mathematics problem
WEEK 3	Volume	DAY 1: Identifying different prisms	Mentioning objects that is a prism shape	Identify different prisms

		Day 2: Finding the volume of prism	Indicating the axis measured in a prism for finding volume	Determining the formula for finding the volume of prism
		Day 3: finding the volume of cylinder	Mentioning objects that are cylindrical in the classroom	Mastering the formula to find the volume of cylinder
		Day 4: Finding the volume of sphere	Looking out for objects that are spherical	Studying the method to find the volume of a sphere
		Day 5: Word problems on volume of prism	Thinking through solving word problems	Find solution to word problems on volumes of prism
WEEK 4	Time	DAY 1: Telling time in minutes and seconds on a 24 hour clock	Reviewing the hands of a wall clock	Tell time in seconds and minutes
		Day 2: Reading time table of journeys	Reading chart of a journey timetable	Read time table of journeys by trains and aeroplanes
		Day 3: Calculating average speed	A chart showing the formula for finding average speed	Mastering the formula for finding average speed
		Day 4: Calculating athletic time	Citing examples of timed sport games	Calculate athletic time
		Day 5: Using time to plan daily activities	Reading a daily schedule or diary	Use time to plan daily activities
WEEK 5	Polygon	DAY 1: Types of polygon	Examining a model of polygon	State the type of polygon
		Day 2: Drawing different polygons	Chart showing different polygons	Draw different polygon
		Day 3: Using scale drawing for lengths, distances and maps in length conversion	Showing maps indicating distance from a state to the other	Draw plan using scale drawing in converting lengths and distances of objects in the environment
		Day 4: Using scale drawing to draw simple plans	Showing a typical house plan	Use scale drawing to draw simple plan
		Day 5: Identifying the bearing of an object or place	Picking different objects for the study	Estimation of object sizes
WEEK 6	Scale drawing			

WEEK 7	Plane Figures	DAY 1: Basic properties of plane figures: Rectangle	Cutting out a rectangle shape	Identify the basic properties of rectangle
		Day 2: Square	Cutting out a square shape	Identify the basic properties of square
		Day 3: Identifying the component part of a circle	Cutting out a circle shape	Identify the basic properties of circle
		Day 4: Measuring angles in degrees	Showing angles of a shape	Measure angles in degree
		Day 5: Measuring angles in a plane	Showing angles of a shape	Measure angles in a plane
WEEK 8	Statistics	Day 1: Collection of data	Collecting data of students attendance in the school	Ability to record data
		Day 2: Preparation of table for graph works	Collecting data of teachers and learners in each class	Representing an information in graph form
		Day 3: Tally and its uses	Counting sticks in a tally form	Ability to count large number of items by grouping
		Day 4: Reading tally marks	Reading a chart showing tally marks	Interpreting tally marks
		Day 5: Reading frequency table	Reading a frequency table chart	Interpreting frequency table
WEEK 9	Pictogram, Bar Graph and Population	Day 1: Interpreting pictograms	Reading a chart of pictogram	Ability to analyse a pictogram
		Day 2: Interpreting bar graph	Reading a bar graph chart	Answer questions on a bar graph
		Day 3: Interpreting and drawing pie chart	Examine a pie chart	Draw facts from a pie chart
		Day4: Exercises on statistics	Reading a set of numbers	Reading an information to arrive at a data
		Day 5: Exercises on statistics	Reading a set of numbers	Reading an information to arrive at a data

WEEK 10	Measures of Central Tendency	DAY 1: Interpreting pictograms and bar chart	Reading a chart showing a pictogram and bar graph	Determine the median of a set using a bar graph
		Day 2: Using pictogram and bar chart in representing population of people	Reading a frequency table	Use pictogram and bar graphs in representing population of people or data
		Day 3: Finding the mode of a given set of number	Reading a frequency table	Find the mode of data
		Day 4: Finding the mean of given set of number	Calculate the average of a set of number	Calculate the mean of given data
		Day 5: Finding the median of a given set of number	Using learners lined up to explain a set	Ability to calculate the mean of a given set of numbers