

MATHEMATICS ANNUAL SCHEME OF LEARNING - JHS 2

WEEKS	TERM ONE	TERM TWO	TERM THREE
1	Read And Write In Number Quantities Skip Counting	Fractions And applications	Ratio & Proportion
2	Compare & Order Whole Numbers Standard Form	Angles	Ratio & Proportion
3	Significant Figures	Coordinate geometry	Ratio & Proportion
4	Word Problems On Place Values Sets	Linear Relations	Liner Inequalities
5	Union & Intersection Of Sets Decimals	Algebraic Expressions	Liner Inequalities
6	Mental Mathematics Strategies	Algebraic Expressions	Pythagoras Theorem
7	Addition & Subtraction Multiply Or Divide	Substitution Factorization	Pythagoras Theorem Trigonometric
8	Story Problems Involving Decimals Indices	Construct & Bisect Angles Construct Of Triangles	Add & subtract Vectors.
9	Indices Exponential Equations	Construct Loci Area Of A Circle	Position & Transformation
10	Powers Of Natural Numbers	Statistics	Position & Transformation
11		Statistics	Position & Transformation
12		Statistics	Chance or Probability

TERM 1 SCHEME OF LEARNING

WEEKS	STRAND	SUB STRAND	INDICATORS	RESOURCES
1	Number	Read And Write In Number Quantities Over 1,000,000,000  Skip Counting	B8.1.1.1.1  B8.1.1.1.2	Counters, bundle and loose straws base ten cut square, Bundle of sticks
2	Number	Compare & Order Whole Numbers  Standard Form	B8.1.1.1.3  B8.1.1.1.4	
3	Number	Significant Figures	B8.1.1.1.5	Counters, bundle and loose straws base ten cut square, Bundle of sticks
4	Number	Word Problems On Place Values  Sets	B8.1.1.1.6  B8.1.1.2.1	
5	Number	Union & Intersection Of Sets  Decimals	B8.1.1.2.2.  B8.1.2.1.1	Counters, bundle and loose straws base ten cut square, Bundle of sticks
6	Number	Mental Mathematics Strategies	B8.1.2.1.2-3	
7	Number	Addition & Subtraction  Multiply Or Divide	B8.1.2.2.1  B8.1.2.2.2	Counters, bundle and loose straws base ten cut square, Bundle of sticks
8	Number	Story Problems Involving Decimals  Indices	B8.1.2.2.3  B8.1.2.3.1	
9	Number	Indices  Exponential Equations	B8.1.2.3.2  B8.1.2.3.3	Counters, bundle and loose straws base ten cut square, Bundle of sticks
10	Algebra	Powers Of Natural Numbers  The Gradient Of A Line	B8.1.2.3.4  B8.2.1.1.1	
11	Algebra	The Gradient Of A Line	B8.2.1.1.1	

**TERM 2 SCHEME OF LEARNING**

<b>WEEKS</b>	<b>STRAND</b>	<b>SUB STRAND</b>	<b>INDICATORS</b>	<b>RESOURCES</b>
1	Number	Fractions And applications	B8.1.3.1.1 B8.1.3.1.1	Square grid sheet; Geodot paper for shading fractions
2	Geometry	Angles	B8.1.3.1.1 B8.1.3.1.2	Paper strips, cut out cards; Benchmark fractions chart;
3	Geometry	Coordinate geometry	B8.1.3.1.3	
4	Algebra	Linear Relations	B8.2.1.1.2-3	
5	Algebra	Algebraic Expressions	B8.2.2.1.1	Abacus, Color coded materials, place value chart, Number facts flash cards; Flashcards
6	Algebra	Addition, Subtraction Of Algebraic Expressions Multiplication & Division Of Algebraic Expressions	B8.2.2.1.2 B8.2.2.1.1	
7	Algebra	Substitution Factorization	B8.2.2.1.3 B8.2.2.1.4	
8	Geometry & Measurement	Construct & Bisect Angles Construct Of Triangles	B8.3.1.2.1 B8.3.1.2.2	
9	Geometry & Measurement	Construct Loci Area of A Circle	B8.3.1.2.3: B8.3.2.1.1	Compass, rule, pencil, Ruler, rope, meter rule
10	Data	Statistics	B8.4.1.1.1-2	Assessment, Graph books, flash cards Graph books, flash cards
11	Data	Statistics	B8.4.1.1.3	
12	Data	Statistics	B8.4.1.2.1-2	

TERM 3 SCHEME OF LEARNING

WEEKS	STRAND	SUB STRAND	INDICATORS	RESOURCES
1	Number	Ratio & Proportion	B8.1.4.1.1	Counters, bundle and loose straws base ten cut square, Bundle of sticks
2	Number	Ratio & Proportion	B8.1.4.1.2-3	
3	Number	Ratio & Proportion	B8.1.4.1.4-5	
4	Algebra	Linear Inequalities	B8.2.3.1.1-2	Counters, bundle and loose straws base ten cut square, Bundle of sticks
5	Algebra	Linear Inequalities	B8.2.3.1.3	
6	Geometry & Measurement	Pythagoras Theorem	B8.3.2.1.2-3	Compass, rule, pencil, Ruler, rope, meter rule
7	Geometry & Measurement	Pythagoras theorem Trigonometry	B8.3.2.1.4 B8.3.2.1.5	
8	Geometry & Measurement	Add & subtract Vectors.	B8.3.2.2.1-2	Compass, rule, pencil, Ruler, rope, meter rule
9	Geometry & Measurement	Position & Transformation	B8.3.3.1.1	
10	Geometry & Measurement	Position & Transformation	B8.3.3.1.2	
11	Geometry & Measurement	Position & Transformation	B8.3.3.1.3	Compass, rule, pencil, Ruler, rope, meter rule
12	Data	Chance or Probability	B8.4.2.1.1-2	Charts