KOTHAF		
SUBJECT:		
SUBJECT		
S.NO.	MONTH	ΤΟΡΙϹ
1		REVIEWING NUMBER
1	AFNIL	CONCEPT
		MAKING SENSE OF ALGEBRA
2	MAY	LINES, ANGLES AND SHAPES
		COLLECTING ORGANISING
3	JULY	AND DISPLAYING DATA
		FRACTION AND STANDARD
		FORM
Λ	AUCUST	EQUATIONS AND
4	AUGUST	REARRANGING FORMULA
		PERIMETER, AREA AND
		VOLUME
5	OCTOBER	SEQUENCES AND SETS
		ATRAIGHT LINES AND
		QUADRATIC EQUATIONS
6	NOVEMBER	PYTHAGORAS THEOREM
		AND SIMILAR SHAPES
		AVERAGES AND MEASURES
		UF SPREAD
7	DECEMBER	SOLUTIONS OF EQUATIONS
		AND INEQUALITIES
0		RATIO, RATE AND
8	JANUARY	PROPORTIONS
9	FEBRUARY	REVISION

I INTERNATIONAL SCHOOL

MATHEMATICS (IGCSE LVL 1)

SESSION: 2021 - 22

UTOR: SUDHANSHU GUPTA

SUB TOPICS

Types of numbers, multiples, factors, prime numbers, powers and roots, directed numbers, order of operation, rounding numbers

Substituion, Simplifications, working with brackets, indices

Lines and angles, Triangles, Quadrilaterals, Polygons, Circles and Constructions

Collection and Classification of data, organising data, Use of charts to display data

Equivalent fractions, operations on fractions, percentages, Standard form, Estimations

Expansion of brackets, Solving linear equations, Factorising Algebric expresssion, Rearrangement of formula

Perimeter and area in two dimension, Three dimensional objects, Surface area and volume of solids

Sequences, Raional and irrational numbers, Set theory

Straight lines, quadraic expressions

Pythagoras theorem, Similarity, congruence

Averages, comparision using averages and ranges, percentile, quartiles, box and whisker plots

Simultaneous linear equations, Linear inequalities, Regions in a plane, Linear programming, Completing the square, Quadratic formula, factorizing quadratics, Algebric fractions

Ratio, Ratio and scale, Rates, Kinematics graphs, Proportion, Direct and inverse proportions, Increasing and decreasing amounts by a given ratiuo

Revision