

KOTHAR		
SUBJECT: I		
SUBJECT 1		
S.NO.	MONTH	TOPIC
1	APRIL	ALGEBRA
		TRIGONOMETRY
2	MAY	GRAPHS
3	JULY	STATISTICS
		MENSURATION
4	AUGUST	SETS, VECTORS, FUNCTIONS, TRANSFORMATION
		PROBABILITY
5	OCTOBER	PRACTICAL PROBLEMS AND PUZZLES
		REVISION

I INTERNATIONAL SCHOOL

MATHEMATICS (IGCSE LVL 2)

SESSION: 2021 - 22

TUTOR: SUDHANSHU GUPTA

SUB TOPICS
Inequalities, Graphs of linear inequations, Linear Programming
Right angled triangles, Scale drawings, Bearing, Three dimensional problems, sine rule, Cosine rule
Drawing graphs, gradient, plotting curves, Interpreting graphs, Graphical solutions of equations, Distance - time graphs, Speed time graphs, Differentiation
Data display, Mean, Median and mode, Scatter plots, Box and whisker plot, Cummulative frequency curve
Area, Circles, Arc length and area of sector, chord of a circle, volume, surface area
Sets, Vectors, column vectors, Functions, Simple transformations, Combined transformations
Simple probability, Independent events, Tree diagram, Conditional Probability
Word problems and puzzles
Mock tests