



# JAIPURIAR SCHOOL

SENIOR SECONDARY CBSE SCHOOL

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## CLASS X

### SUBJECT - MATHEMATICS

YEARLY/ MONTHLY / WEEKLY ACADEMIC CALENDER 2023-24

MONTHS	NO. OF WORKING DAYS	CHAPTERS	WEEKS
APRIL	20	CH-1 :- REAL NUMBERS	WEEK 1 - EUCLID DIVISION, HCF and LCM , IRRATIONALITY
		CH-2 :- POLYNOMIALS	WEEK 2 - INTRO , RELATION BETWEEN ZEROS AND COEFFICIENTS
		CH-2 :- POLYNOMIALS	WEEK 3 - DIVISION ALGORITHM and MISCELLANEOUS PROBLEMS
		CH-3 :- LINEAR EQUATIONS IN TWO VARIABLES	WEEK 4 - GRAPHICAL METHOD OF SOLVING LINEAR EQUATIONS , CONSISTENCY AND INCONSISTENCY OF LINEAR EQUATIONS IN TWO VARIABLES
JUN	21	CH 3 :- LINEAR EQUATIONS IN TWO VARIABLES	WEEK 1 - ALGEBRAIC METHOD OF SOLVING LINEAR EQUATIONS
			WEEK 2 - WORD PROBLEMS
		CHP 4 :- QUADRATIC EQUATIONS	WEEK3 - INTRO , SOLUTION OF QUADRATIC EQUATION
			WEEK4 - NATURE OF ROOTS , WORD PROBLEMS
JULY	25	CH-5 :- ARITHMETIC PROGRESSIONS	WEEK 1 - INTRO , $n$ th TERM OF AP , SUM OF $n$ TERMS OF AP
			WEEK 2 - WORD PROBLEMS
		CH-6:- TRIANGLES	WEEK 3 - INTRO , SIMILARITY OF TRIANGLES
			WEEK 3 - CRITERION FOR SIMILARITY
			WEEK 4 - AREAS OF SIMILAR TRIANGLES
			WEEK 4 - PYTHAGORAS THEOREM
AUG	20	CH - 7 :- COORDINATE GEOMETRY	WEEK 1 - INTRO TO COORDINATE GEOMETRY , DISTANCE FORMULA PROBLEMS , SECTION FORMULA PROBLEMS , AREA OF TRIANGLE
		CHP-8 :- TRIGONOMETRY	WEEK 2 - INTRO , TRIGONOMETRIC RATIOS OF SPECIFIC ANGLES ; WEEK 3 - TRIGONOMETRIC RATIOS OF COMPLIMENTARY ANGLES,TRIGONOMETRIC IDENTITIES
		CH-9 :- HEIGHTS AND DISTANCES	WEEK 4 :- INTRO , HEIGHTS AND DISTANCES WORD PROBLEMS
SEP	23	CH-10 :- CIRCLES	WEEK 1 - TANGENT TO A CIRCLE , NUMBER OF TANGENTS FROM A POINT ON A CIRCLE
		CHP-12 :- AREAS RELATED TO CIRCLES	WEEK 2 - PERIMETER AND AREA OF CIRCLE , AREAS OF SECTOR AND SEGMENT OF A CIRCLE
			WEEK 3 & 4 - AREAS OF COMBINATION OF PLANE FIGURES
OCT	21	CHP-13:- SURFACE AREAS AND VOLUMES	WEEK 1 - INTRO , SURFACE AREA OF COMBINATION OF SOLIDS
			WEEK 1 - VOLUME OF COMBINATION OF SOLIDS
		CHP-14:- STATISTICS	WEEK 2 - CONVERSION OF SOLID FROM ONE SHAPE TO ANOTHER
			WEEK 2 - FRUSTUM OF CONE
		WEEK 3 - MEAN AND MEDIAN OF GROUPED DATA	
		WEEK 3 - MODE OF GROUPED DATA	
		VACATION	WEEK 4 - DIWALI VACATION
		VACATION	WEEK 1 DIWALI VACATION

NOV	18		WEEK 2 - CHP 14 - PROBABILITY
		REVISION	WEEK 3-4 :- REVISION AND BOARD PAPER SOLVING
DEC	25	REVISION	WEEK 1-4 :- REVISION AND BOARD PAPER SOLVING
JAN	22	REVISION	WEEK 1-4 REVISION & BOARD PAPER SOLVING
FEB	20	REVISION	WEEK 1-4 REVISION & BOARD PAPER SOLVING
MAR	22	BOARD EXAMS	BOARD EXAMS