

SOBTIS PUBLIC SCHOOL (SR. SEC)
ANNUAL CURRICULUM AND PEDAGOGICAL PLAN
SESSION- 2024-25

Vision: "Our vision is to make the youth aspire, discover, redefine, innovate and become successful in life."

Mission: To develop future-geniuses with active and creative minds, a sense of understanding and compassion for humanity, and the courage to act upon their values and beliefs. We strongly believe in holistic development of each and every child spiritually, morally, intellectually, socially, emotionally and physically.

SUBJECT-MATHEMATICS

CLASS-XI

TEACHER NAME: MR. MOHIT KUMAR

MONTH	NO. OF WORKING DAYS	TOPIC	AIL/Sports IL/ SUBIL	DESCRIPTION
April	23	Sets, Relation & Functions		
May	15	Trigonometric Functions, Complex Number		
July	26	Principle of Mathematical Induction, Quadratic Equations & Linear Inequalities,		
Aug	24	Permutations & Combinations Binomial Theorem, Sequence & Series + Revision	SPORTS IL: Combination	Though this activity students will able to know the selection process in making a team in various sports like cricket & football.
Sep	6	Revision (PA-II)		
Oct	22	Sequence & Series, Straight Lines, Conic Sections, Mathematical Reasoning	AIL: Conic Sections	In this activity students will learn different types of conic section by cutting of cones.
Nov	23	Introduction to 3-D Geometry, Statistics & Limits & Derivatives	SUBIL: Speech on Mean, Median, Mode	Though this activity students will able to know the application of Mean, Median, Mode.
Dec	18	Probability + Revision + PA-III	AIL: Derivatives Machine	In this activity students will learn to make working model of Derivatives
Jan	20	Revision		
Feb	15	Revision		