AIR FORCE SCHOOL BAMRAULI
PRAYAGRAJ
ANNUAL SPLIT UP SESSION 2025-26
CLASS -X

Subject -Mathematics.   Book- NCERT

S.R	Months	Chapter	Topic /subtopic	No.of periods	Activities
1.	April	Real numbar	H.C.F,prove of irrational no,	7	Use of HCF in our daily life
2.	April	Polynomial	Variable ,constant,algebraic expression,types of polynomials,degree, coefficient.,zeroes	8	Make polynomials and find their degree and coefficient and zeros
3	May	Linear equations in two variables	Solution of EQ. By substituting, elimination,and cross multiplication method ,types of line ,consistent and inconsistent,	10	1.To verify the condition for consistence/ inconsistent
4	June	Quadratic equation	Solution of EQ,roots,nature,discriminant,word problem	8	Prove of shrdharacharya method / formula ,and realtion between roots and coefficient
5	July	A.P ,Triangle , coordinate geometry	No. If terms of given AP,sum of nth term of AP, ▢ -BPT,AAA,AA,SAS similarity, Distance formula,section formula ,mid point ,	25	1 .sum of natural,even,odd no. By using sum formula ,example of AP in our daily life 2 .prove of similarity (AAA) by cutting cardboard . 3 .prove of distance formula
6	August	Trigonometry,	Trigonometry ratio,	24	1.Prove of three

		Application of trigonometry , **Probability**	trigonometry identities, values of T.R, P(event)+P(not event)=1		identities used in this chapter. 2.use of TR in daily life like as hileight .
7	September	Circle ,Area related to circle ,	Tangent related Circle theorem , Length of arc,Area of sector part (minor,major) Area of segment part	20	Area swepet by clock minute, hour,and second hand in a particular time . Working project .
8	October	Surface area and volume, Statistics ,	CSA of cylinder,cone ,sphere,cube and cuboid and their volume . Mean ,median ,mode	20	1.volume of water tank used in your house ,. 2. Volume of air present in our room. 3.Average expenditure of our house in a month. 4. Mean temp
	October	**Revision**	Previous year questions, Sample question paper		
	November		Pre Board 1		
	December		Pre Board 2		
	January		Common Pre Board		