

**AIR FORCE SCHOOL, BAMRAULI**  
**ANNUAL SPLIT-UP OF SYLLABUS**  
**ACADEMIC SESSION 2024-25**

**CLASS-IX**  
**BOOK NAME- NCERT**

**SUBJECT : SCIENCE [PHYSICS]**

MONTH	CHAPTER NO. & NAME	TOPICS/ SUB TOPIC	NO. OF PERIODS	ACTIVITY	TEST/EXAM
APRIL	8-Motion	distance, displacement, Speed, Velocity, acceleration & equations of motion and graphical representations.	10	Make a balloon powered car	CLASS TEST FROM 22 APRIL TO 5 MAY SYLLABUS : CH 8
MAY			6		
JUNE	9-Force and Laws of Motion	Newton's laws of motion and to understand about inertia, impact & momentum	4	Theatrical demonstration of Newton's Laws of Motion	PT 1 FROM 1 TO 8 JULY SYLLABUS: CH 8 & 9
JULY			12		
AUGUST	10-Gravitation	Universal law of gravitation, acceleration due to gravity and mass & weight	15	Verification of the Archeimedes Law	
SEPTEMBER	REVISION		6	PRACTICE	HALF YEARLY FROM 17 TO 30 SEPT. SYLLABUS : CH 8, 9 & 10
OCTOBER	11-Work and Energy	Work, Energy & power, Kinetic & potential energy and Conservation of energy	6	Make a paper Roller Coaster to understand conversation of energy	
NOVEMBER			10		
DECEMBER	REVISION		3	PRACTICE	9 TO 17 DEC. PREIODIC TEST SYLLABUS: CH 11

JANUARY	12-Sound	Propagation of sound, reflection of sound, ultrasound and Echo	9	Verification of the Laws of reflection of Sound	CLASS TEST FROM 5 TO 15 FEB SYLLABUS : CH 11 & 12
FEBRUARY			7		
	REVISION		10	PRACTICE	
MARCH	ANNUAL EXAM 3 MARCH ONWARDS COMPLETE SYLLABUS				