

NAVY CHILDREN SCHOOL
SPLIT-UP SYLLABUS
SESSION 2024-25
CLASS XI
SUBJECT-PHYSICS (042)

CHAPTER	TOPIC	TENTATIVE NO OF PERIODS	MONTH	LIST OF EXPERIMENTS	WEIGHTAGE
1	PHYSICAL WORLD	2	JUN	SECTION A 1.Vernier calipers 2.Screw gauge 3 Law of vector addition 4 Friction	23
2	UNITS MEASUREMENT	4	JULY		
3	ONE DIMENSION MOTION AND MOTION IN PLANE	8	JULY		
3		8	AUG		
4	LAWS OF MOTION	8	AUG		
5	WORK, ENERGY AND POWER	7	SEP	ACTIVITIES FROM SEC A	17
6	MOTION OF SYSTEM OF PARTICLES AND RIGID BODIES	9	SEP/OCT	5 Simple pendulum	
7	GRAVITATION	7	OCT/NOV		
8	PROPERTIES OF SOLIDS	4	NOV/DEC	SECTION B 1.Young's modulus 2.Terminal velocity 3.Surface tension of water 4. Resonance apparatus – Speed of sound 5.Sonometer – laws of vibrating strings ACTIVITIES FROM SEC B	20
9	PROPERTIES OF FLUIDS	10	DEC		
11	THERMAL PROPERTIES	3	JAN		
12	THERMODYNAMICS & KINETIC THEORY OF GASES	6			
13	OSCILLATIONS	9	JAN		10
14	WAVES	8			