

ARMY PUBLIC SCHOOL, MUMBAI (2019-2020)**STANDARD CURRICULUM****CLASS:XII****SUB: PHYSICS**

<u>SI NO</u>	<u>MONTH</u>	<u>TOPIC</u>	<u>CORE VALUES</u>	<u>VALUES AND SKILLS</u>	<u>ACTIVITY CHOSEN</u>
1	APRIL	WAVE OPTICS,DUAL NATURE	SELF AWARENESS	Critical and logical thinking, Scientific skills	Experiments in lab and Practice of diagrams
2	JUNE	ELECTROSTATICS	TEAMWORK	Problem solving ability, decision making, Critical and logical thinking	Numericals for practice
3	JULY	ELECTRIC POTENTIAL.	ENVIRONMENTAL AWARENESS	Critical thinking and logical thinking, problem solving ability	Numericals for practice
4	AUG	CURRENT ELECTRICITY, MAGNETIC EFFECTS OF CURRENT AND MAGNETISM	PATRIOTISM AND NATIONALISM	Problem solving ability, scientific attitude, dependability and responsibility	Experimental awareness and Numericals for practice
5	SEP	MAGNETISM CONTD..., EMI	DISCIPLINE AND DILIGENCE	Dependability and responsibility, logical thinking, analytical thinking	Experimental awareness and classroom discussion
6	OCT	ALTERNATING CURRENTS	DIVERSITY AND TOGETHERNESS	Togetherness, responsibility, logical thinking	Numericals for practice
7	NOV	ELECTRONICS, COMMUNICATION SYSTEMS.	GENDER SENSITIVITY	Sharing and caring, problem solving ability	Experiments in lab and Numericals for practice
8	DEC	ATOMS	PERSEVERANCE	Sharing and caring, dependability and responsibility	Classroom discussion
9	JAN	NUCLEI, EM WAVES.	EFFECTIVE COMMUNICATION	Sharing and caring, dependability and responsibility	Classroom discussion