

ARMY PUBLIC SCHOOL MUMBAI (2016-2017)
STANDARD CURRICULUM

CLASS: X

SUB: SCIENCE (PHYSICS)

<u>SR NO</u>	<u>MONTH</u>	<u>LESSON/ TOPIC</u>	<u>ACTIVITY</u>	<u>VALUE</u>	<u>Core value</u>
1	APRIL- MAY	Current electricity	experiment:- verification of ohms law, series and parallel combination	reasoning, confidence, communication, scientific attitude, problem solving	Knowledge
2	JUNE - JULY	Magnetic effect of electric current	drawing of magnetic field lines of bar magnet, straight conductor, solenoid, conceptual questions	collaboration, logical thinking, obedience, interest, critical thinking.	Environmental awareness and Positive attitude
3	AUG-	Magnetic effect of electric current sources of energy	conceptual, applications, explanation power point presentation, explanation, interaction	reasoning, logical thinking, problem solving creativity, confidence, team effort, co-operation	National pride and time management
4	OCT	Light-reflection and refraction, a	determination of focal length of convex lens and concave mirror, problem solving	reasoning, creative thinking, problem solving	Respecting differences
5	NOV	Human eye and colourful world	refraction of light through prism	awareness, scientific attitude , observation skill	Health and wellness
6	JAN- FEB		powerpoint presentation	creativity, confidence, team effort, co-operation	Self - direction