

AUM SUN PUBLIC SCHOOL
WEEKLY SYLLABUS OF AUGUST SESSION (2024-25)
CLASS-XII (SCIENCE)

SUBJECT- ENGLISH

S.NO	CHAPTER NAME	DESCRIPTION	WEEK	ASSIGNMENT
1.	Reading	i) Unseen passage (factual discursive of literature) ii) Unseen passage (case based)	1 week	
2.	Writing skills	i) Notice writing (writing notice following proper format ii) Article writing (article's format, describe particular topic)	2 week 3 week	Writing notice, Writing article
3.	Literature (Flamingo) Prose- Indigo	Gandhiji's movement in champaran, Gandhiji civil disobedience movement	4 week	Top 10 points Gandhiji role towards Champaran movement
4.	(Vistas) Journey to the end of the earth	Global warming, expedition to Antarctica, study about the history of earth		Main points

SUBJECT- PHYSICS

S.NO	CHAPTER NAME	DESCRIPTION	WEEK	ASSIGNMENT
1.	Ch-5 Magnetism & matter	Bar magnet, equivalent solenoid, magnetic field intensity due to magnetic dipole, torque on a magnetic dipole, magnetic field lines, magnetic properties of materials	1 & 2 week	
2.	Ch-6 Electromagnetic Induction	Faraday's Law, induced EMF and current, Lenz's law, self and mutual induction,	3 & 4 week	

SUBJECT- CHEMISTRY

S.NO	THEORY	PRACTICAL	WEEK
1.	Solutions	Salt Analysis	1 & 2 week
2.	Electrochemistry	Volumetric Analysis	3 & 4 week

SUBJECT-BIOLOGY

S.NO	CHAPTER NAME	DESCRIPTION	WEEK	ASSIGNMENT
1.	Chapter- 6 (evolution)	Origin of life; biological evolution and evidences for biological evolution (paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy-Weinberg's principle; adaptive radiation; human evolution	1 & 2 week	
2.	Chapter-8 (microbes in human welfare)	Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as biocontrol agents and bio-fertilizers. Antibiotics; production and judicious use.	3 & 4 week	

SUBJECT- PHYSICAL EDUCATION

S.NO	CHAPTER NAME	DESCRIPTION	WEEK	ASSIGNMENT
1.	Unit 5 Sports and Nutrition	Balance diet and nutrition, macro and micro nutrients, nutritive and non-nutritive components of diet, eating for	1 to 4 week	

		weight control, importance of diet in sports		
--	--	--	--	--