

KLE ENGLISH MEDIUM SCHOOL

JULE SOLAPUR

Grade - VIII Syllabus Split (2023 - 24) Term II

SCIENCE						
Sr.	Month	Unit / Subunit	Values	Activity	Examination	
1	September	Age of Adolescence Endocrine system Adolescence & puberty Menstrual cycle Nutrition & personal hygiene at puberty Addiction and AIDS at puberty	To develop Scientific temper Humanity Self-Expression	To prepare a chart showing changes in male and female during puberty. Discussion with counsellors on secondary sexual characters, on how sex of the child is determined, safe sex, reproductive health; observation on eggs, young ones, life cycles.	Periodic Test-II	
2	October	Reproduction What is reproduction? Asexual reproduction Sexual reproduction Gender issues & myths Viviparous & Oviparous animals	To develop Scientific temper and Humanity.	To show permanent slides of Binary fission Budding and Fragmentation. Discussion on gender issues and social taboos.	Periodic Test-II	
3	October	Sound How is sound produced? Propagation of sound in air Analysis of sound (waves) Music and noise	To develop Scientific temper	To observe the vibrations of tuning fork. Demonstrating and distinguishing different types (loud and feeble, pleasant/ musical and unpleasant/ noise, audible and inaudible) of sound.	Periodic Test-II	
4	November	Chemical Effects of Current Electric current in liquids How electric current flows Electrolysis	To develop Scientific temper	To understand current flows through various liquid samples or not. Activity to study whether current flows through various liquid samples (tap water, salt solution, lemon juice, kerosene, distilled water if available) Emission of gases from salt.	Term-II Examination	
5	November	Light Reflection Dispersion Human eye	To develop Scientific temper	Exploring laws of reflection using ray source and another mirror. Locating the reflected image using glass sheet and candles. Discussion with various examples. Activity of observing an object through a straight and bent tube; and discussion.	Term-II Examination	
6	December	Some Natural Phenomena Natural phenomena Electric charge Lightning and its mechanism Earthquakes	To develop Scientific temper, Conversion of Ecosystem Humanity.	Discussion on sparks. Experiments with comb and paper to show positive and negative charge. Discussion on lightning conductor	Term-II Examination	
7	December	Pollution of Air and Water Air pollution Effects of air pollution Prevention of air pollution Water pollution Effects of water pollution Prevention of water pollution Purification of water	To develop Scientific temper, Belongingness, Resourceful, Conversion of Ecosystem, Self-Expression.	Activity. Case study and discussion. Purification of water by physical and chemical methods including using sunlight. Discussion on other methods of water purification.	Term-II Examination	
8	January	Stars and the solar system The night sky Stars Constellations The sun and the solar system The moon and its phases Man-made bodies in the solar system	To develop Scientific temper.	Observing and identifying the objects moving in the sky charts, during the day and at night. Observing and identifying some prominent stars and constellations.	Term-II Examination	
9	February	Human Intervention in Natural Phenomena Forest-A natural resource Deforestation Conservation of forests Over-extraction of fossil fuels Conservation of fossil fuels	To develop Scientific temper Humanity	Narration and discussions. Project recycling of paper. Discussion	Term-II Examination	
	March	Revision				