

LOVE DALE RESIDENTIAL SCHOOL (SENIOR SECONDARY)

YEAR PLAN 2024-25

Class : XII Science

BIOLOGY

MONTH	CHAPTER	ACTIVITIES
<i>BOTANY</i>		
JUNE	Chapter 1 Sexual Reproduction in Flowering Plants	Activity: practicals Periodic Test
JULY	Chapter 1 continuation Chapter 2 Biotechnology: principles and Processes	Unit Test
AUGUST	Continuation of chapter 2	Activity: Practicals
SEPTEMBER	Continuation of chapter 2	Activity : practicals
OCTOBER	Chapter 3 Biotechnology and it's applications	Activity: practicals First Term Examination
NOVEMBER	Continuation of chapter 3 Chapter 4 Organism and Population	Activity: project
DECEMBER	Chapter 5 Ecosystem Revision	
JANUARY	Revision and model examinations Practice examination	
FEBRUARY	Board examinations	

MONTH	CHAPTER	ACTIVITIES
ZOOLOGY		
JUNE	1.Human Reproduction 2. Reproductive health 3.Principles of inheritance and variation	Activity Discussing previous year question papers, diagrams of sperm ,ova, t.s of seminiferous tubules, graph of menstrual cycle Activity: Demonstration of Arts Activity: Problems of monohybrid, dihybrid and test cross Solving pedigree Chart First periodic test
JULY	4.Molecular basis of Inheritance	Activity: Diagrams of nucleosome, transcription unit, replication fork, translation
AUGUST	Contd of Molecular basis of inheritance 5.Evolution	Activity: demonstration of operon expt,types of natural selection Unit test
SEPTEMBER	6.Human health and disease	Activity: slides showing plasmodium,ringworm ,entamoeba. Diagram of antibody.
OCTOBER	Microbes in human welfare	Activity: diagram of biogas plant Discussing previous year questions First term exam
NOVEMBER	Contd of Microbes chapter 8.Biodiversity and its conservation	Activity:study of plant population density and frequency by quadrat method Project submission
DECEMBER	Revision Biology record submission	
JANUARY	Revision Model exam	
FEBRUARY	Revision	
MARCH	Board exam	