

Month / No of Working Days	Name of the Unit / Chapter/Topic	Learning Outcomes	Suggested Activities/ Projects under Internal Assessment/PRACTICALS	Assignment	Assessment
APRIL	CHAPTER 6 LIFE PROCESSES	Students learn about basic concept of nutrition , respiration, transport and excretion in plants and animals	Mounting of leaf peel to show stomata To show action of lungs using a balloon	Draw flow charts to show nutrition ,transportation and respiration in humans	Worksheet
JUNE	CHAPTER 6 CONTINUED		Experimentally show that carbon dioxide is given out during respiration	Draw excretory system of man	MCQ
JULY	PT1 CHAPTER7 Control and coordination in plants and animals	Students understand and also learn about how tropic movement takes place in plants they also understand how phytohormones and animal hormones work. They also analyse the working of reflex action ,CNS,PNS	To observe nerve cell under microscope To study the model of brain	Make a chart to show the three parts of brain and their functions	PT1
AUGUST	CHAPTER 8 How do organisms reproduce ?	Students get information about reproduction in animals and plants, reproductive health need and methods of family planning Child bearing and women's health	To study binary fission in amoeba Budding in yeast and hydra with the help of prepared slide Identification of the different parts of an embryo of dicot seed	How is sex determined in man ? Explain with the help of a diagram	Quiz
SEPTEMBER	TERM 1 (PT 2)				Term1(PT2)

OCTOBER	CHAPTER 9 Heredity	Students get knowledge about Mendel's laws for inheritance of traits Sex determination	To make punnet square with monohybrid and dihybrid traits	What are the three laws of Mendel ? How did he prove it ?	Case based questions
NOVEMBER	CHAPTER 15 Our environment	Students are able to understand Ecosystem, Environmental problems, Ozone layer. Depletion, waste products and find a solution to all these problems	To differentiate between biodegradable and non biodegradable substances	Write a note on Ozone layer depletion	Presentation
DECEMBER	PT 3 (FINAL EXAM)				PT3
JANUARY	PREBOARD				Preboard
FEBRUARY					
MARCH					

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