

D.A.V. PublicSchool
Affiliated to CBSE(10+2)

Sector – 3 Dhurwa Ranchi – 4

Class IX Biology Syllabus(2020-2021)

Prescribed Books:

➤ **NCERT**

Months	No. of Working Days	Unit / Chapters	Sub Topics	Exam / Tests Portion
April	24	Organization in the Living World	<ul style="list-style-type: none"> ❖ Cell - Basic Unit of life: ❖ Prokaryotic and Eukaryotic cells ❖ Cell organelles 	
May	15	Food Production I	<ul style="list-style-type: none"> ❖ Plant and animal breeding ❖ Improvement and management ❖ Organic farming 	
June	12	Food Production II	<ul style="list-style-type: none"> ❖ Protection from pests and diseases ❖ Use of fertilizers and manures 	<u>PT I Portion</u> Organization in the Living World + Food Production I + Food Production II
July	25	Tissues, Organs, Organ System, Organism	<ul style="list-style-type: none"> ❖ Structure and functions of animal and plant tissues PT I Revision	<u>Half Yearly Exam Portion</u> PT I Portion + Tissues, Organs, Organ System, Organism
August	24	Biological Diversity I	<ul style="list-style-type: none"> ❖ Diversity of plants Half Yearly Revision	
September	13	Biological Diversity II	<ul style="list-style-type: none"> ❖ Diversity of animals 	
October	18	Health and Diseases I	<ul style="list-style-type: none"> ❖ Infectious and Non-infectious diseases ❖ Diseases caused by microbes and their prevention ❖ Principles of treatment and prevention PT II Revision	<u>PT II Portion</u> Tissues, Organs, Organ System, Organism + Biological Diversity I + Biological Diversity II

November r	22	Health and Diseases II	<ul style="list-style-type: none">❖ Diseases caused by microbes and their prevention❖ Principles of treatment and prevention	
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December	18	Natural Resources	<ul style="list-style-type: none"> ❖ Air ❖ Water ❖ Soil ❖ Bio-geo chemical cycles innature 	<u>PT III Portion</u> Health and Diseases I + Health and Diseases II + Natural Resources
January	26	Revision for PT III & Final / Annual Term		<u>Final / Annual TermPortion</u> Whole Syllabus

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Class X Biology Syllabus(2019-2020)

Prescribed Books:

➤ **NCERT**

Months	No. of Working Days	Unit / Chapters	Sub Topics	Exam / Tests Portion
April	24	Life Processes I	<ul style="list-style-type: none"> ❖ Basic concept of nutrition ❖ Nutrition in Plants ❖ Nutrition in Animals 	
May	15	Life Processes II	<ul style="list-style-type: none"> ❖ Respiration in plants and animals 	
June	12	Life Processes III	<ul style="list-style-type: none"> ❖ Transportation in plants and animals ❖ Excretion in plants and animals 	<u>PT I Portion</u> Life Processes I + Life Processes II + Life Processes III
July	25	Control and co-ordination	<ul style="list-style-type: none"> ❖ Nervous system ❖ Reflex Action ❖ Human Brain ❖ Co-ordination in Plants ❖ Hormones in Animals 	<u>Half Yearly Exam Portion</u> PT I Portion + Control and co-ordination + Sources of Energy + Reproduction
		Sources of Energy	<ul style="list-style-type: none"> ❖ Conventional Source of Energy ❖ Alternative or Non-Conventional Source of Energy ❖ Environmental Consequences Revision for PT I	
August	24	Reproduction	<ul style="list-style-type: none"> ❖ Reproduction in animals and plants (asexual and sexual) ❖ Reproductive Health Half Yearly Revision	
September	13	Heredity and Evolution I	<ul style="list-style-type: none"> ❖ Mendel's contribution ❖ Sex determination. ❖ Basic concepts of evolution 	

October	18	Heredity and Evolution II	❖ Basic concepts of evolution Revision for PT II	<u>PT II Portion</u> Control and co-ordination + Reproduction
November	22	Our Environment	❖ Ecosystem and its components ❖ Food Chain and Foodweb ❖ Ozone depletion	<u>Pre Board / Mock I / II Portion</u> Whole Syllabus
December	18	Revision for Pre Board I & II, Board		